

THE KANSAS INDUSTRIALIST

Volume 55

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Number 17

KANSAS HONORS FIVE MASTER HOMEMAKERS

SECOND GROUP TO RECEIVE TITLE AWARD

Mrs. John Chitwood, Miss Nora Towner, Mrs. M. M. Melchert, Mrs. A. Z. Brown, and Mrs. Thomas Marks are winners

For long and faithful service as farm homemakers five Kansas farm women were publicly honored at the evening assembly of Farm and Home week visitors at the college auditorium last night. Each of the five was accorded the title of Master Farm Homemaker and was awarded the official gold pin of the Master Farm Homemaker.

The five women are Mrs. John Chitwood, Pratt; Miss Nora Towner, Olathe; Mrs. M. M. Melchert, Ottawa; Mrs. A. Z. Brown, Cheney; and Mrs. Thomas Marks, Emporia.

THEY DESERVE THE HONOR

The group was the second to be so honored by the Farmer's Wife, national farm women's magazine of St. Paul, and the extension division of the Kansas State Agricultural college. Prof. Amy Kelly, state home demonstration leader, declared the five new Master Farm Homemakers to be representative of the highest type of rural home builder that Kansas has to offer. Miss Lenore Dunnigan represented the Farmer's Wife at the recognition services.

These five Master Farm Homemakers may be easily recognized as deserving of the honor accorded them, it was pointed out after a study of their individual records had been made. They live on farms varying from 84 to 480 acres in size. Four of them are rearing their own families of one to seven children and the fifth, Miss Towner, is rearing two nephews and a niece. She left social work to care for her brother's family when the children's mother died.

THEIR RECORDS SHOW SERVICE

Mrs. Chitwood has lived on the same grain and livestock farm for 43 years. Her seven children are all homemakers or farmers. She believes success lies in "raising a family of healthy, honorable, well educated American citizens." She was a member of the school board for 15 years, and is active in the Red Cross, farm bureau, church and community club. She helped get the first home demonstration agent in her county.

Miss Towner lived in Hawaii, California, Arizona, and New Mexico before moving permanently to Kansas. Her parents were pioneers and bought the farm from the Indians. She has kept home expense accounts for 10 years. Sale of poultry and kitchen products brings her an income of \$500 a year. Miss Towner is a leader in the church, Eastern Star, farm bureau, community club, and 4-H club work.

Mrs. Melchert was formerly a school teacher and three of her four children have had college educations. She lives on a dairy farm where 30 cows are milked. Her gross sales of poultry amount to \$750 a year. Mrs. Melchert is a worker in the church, literary and social clubs, farm bureau, the township Republican committee, Eastern Star and 4-H clubs.

CONTINUES TO STUDY

Mrs. Brown graduated from normal school but is continuing her education with courses taken at home. She makes \$400 a year by selling cream and poultry. Her chief ambition is "to be a good Christian wife and mother, a good neighbor and good citizen." She is recreational leader in the farm bureau and is active in the church, Y. W. C. A., parent-teacher association, civic study club and girls' guild.

Mrs. Marks is prominent in work of the church, Y. W. C. A., Rural Clubs' association, community club, farm bureau and 4-H clubs, and she helped get a rural public health organization in her county. Family

worship is held in her home. Mrs. Marks has lived on the same farm for 20 years.

New Text by Faculty Men

Professors F. A. Smutz and R. L. Gingrich of the department of machine design are joint authors of a new text in descriptive geometry. It contains 108 pages and is published in notebook form by the National Process company. It will be printed in the regular form later.

Wins 4-H Club Prize

Waldo Wheeler, jr., freshman at the Kansas State Agricultural college, was awarded a fountain pen by the National Livestock Producers association for writing the best letter from Kansas concerning his 4-H club trip to the International Livestock show last fall.

AGGIE WRESTLERS WIN FROM MISSOURI, 18-16

Quick Fall in Last Match Gives Wildcat Team Fourth Consecutive Victory

A fall in the last match won an 18 to 16 victory for the Kansas Aggie wrestling team over the University of Missouri, at Manhattan last Saturday night. It was the fourth consecutive win for the Aggie team, and the second Big Six victory. So far the team has defeated Purdue, Pittsburg Teachers, Kansas university, and Missouri, after losing to Indiana.

Each team won four matches in the Missouri meet, but the Aggies took three falls to Missouri's two. The Tigers were ahead, 16 to 13 at the start of the heavyweight bout between C. H. Errington, Ruelin, Aggie sophomore, and C. E. Garrison, Missouri. Errington threw his man in 1:27. Nearly 800 persons saw the dual meet.

Albert Brown, Manhattan, was elected captain of the Aggie team just before the meet.

In the 145 pound class S. E. Alsop, Wakefield, came from underneath to win from Captain H. Carey, Missouri. R. H. McKibben, Kansas City, Aggie 175 pounder, was unable to compete because of illness.

Coach B. R. "Pat" Patterson's team will meet Nebraska at Lincoln February 9.

The summary:

115 pounds—Munday, Missouri, threw Raymond Patterson, Morrowville, in overtime match.

125 pounds—H. T. Webster, Missouri, won from J. C. Fickel, Chanute. Time advantage 2:48.

135 pounds—Albert Brown, Manhattan, threw J. J. O. Moore, Missouri. Time 7:05.

145 pounds—S. E. Alsop, Wakefield, won from H. Carey, Missouri. Time advantage 3:56.

155 pounds—J. R. Warner, Whiting, threw K. E. Garrison, Missouri. Time 6:58.

165 pounds—B. Puckett, Missouri, won from Fred Knorr, Aggies. Time advantage 2:21.

175 pounds—V. Robbins, Missouri, threw Robert Rawlins, Aggies. Time 2:12.

Heavyweight—C. H. Errington, Ruelin, threw C. E. Garrison, Missouri. Time 1:27.

COFFEY COUNTY HOLSTEINS SET NEW BUTTERFAT MARKS

Aged Cow and Junior Four Year Old Go Over 100 pounds

Four new butterfat records recently have been completed by Holstein-Friesian cows owned by H. A. Dressler, prominent breeder of Lebo, Coffey county, according to H. J. Brooks, supervisor of the state institution dairy herds. Dora Pearl Veeman, an aged cow, completed a 30 day record of 107 pounds of butterfat from 2,666 pounds of milk, which figures the high average of 4.01 per cent butterfat. This record displaces a record of 99.9 pounds of butterfat from 3,109.3 pounds of milk.

The other cow owned by Dressler made a record in the junior four year old class in both the seven day and 30 day departments. The cow, Blanche Johanna Ormsby, produced 26.4 pounds butterfat in seven days, and 103.5 pounds of butterfat from 2,861 pounds of milk in 30 days.

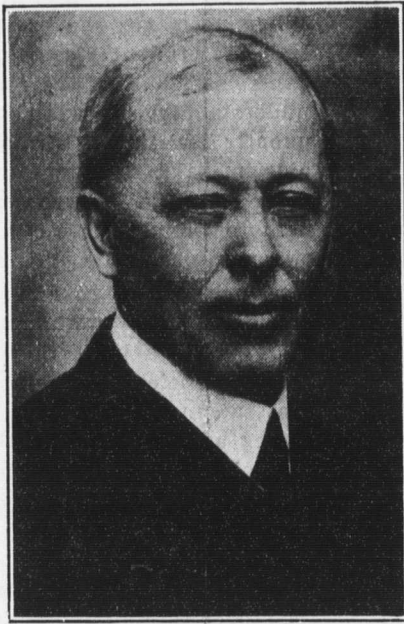
J. R. (JACK) HARRISON HEART DISEASE VICTIM

WELL KNOWN AGGIE ALUMNUS A KANSAS SENATOR

Quarter Century in Government Service Followed By 15 Years of Prominence in Kansas Editorial Circles

State Senator J. R. (Jack) Harrison, '88, editor and publisher of the Beloit Gazette and widely known Kansas Republican, died at 1:30 o'clock Monday afternoon in his room at the Hotel Jayhawk, Topeka. Death was due to heart disease induced by a relapse from influenza and chronic anemia.

Dean J. T. Willard and Prof. George A. Dean were designated by



JOHN R. HARRISON

President F. D. Farrell to represent the college at the funeral services.

Both houses of the state legislature adjourned immediately following announcement of Senator Harrison's death. Tribute to his memory is to be paid Thursday morning at 10 o'clock in the senate chamber, with the Rev. David H. Shields of Central Park Christian church, Topeka, officiating. The alumni association representatives are as follows: Senator W. S. Arbuthnot, '91, Bennington; Senator A. K. Barnes, f. s., Harveyville; Senator Edwin Buehler, f. s., Seneca; Senator Robert H. Hanson, f. s., Jamestown; Senator Ralph U. Pfouts, f. s., Atchison; Senator Henry Rogler, '98, Matfield Green; Carl Friend, '88, Lawrence; and Dean R. A. Seaton, '04, Manhattan.

Burial is to be in Highland Park cemetery, Kansas City, Kan.

REFUSED TO GIVE UP

Though his health was poor Harrison had not missed a single session of the senate, taking an active, witty part in the work. Shortly before his death he gave his secretary an envelope containing his opinion on pending road bills, to be read during discussions on the subject.

As editor of the Beloit Gazette, Harrison was known for his editorials, which were widely quoted.

Senator Harrison's father came to Osawatimie from Illinois to take part in the anti-slavery movement, and there married a woman who was a member of an anti-slavery family from Alabama. The father served under John Brown in the Wakarusa war, and later with the Twelfth Kansas infantry.

Harrison was born on a Wyandotte county farm April 14, 1867. He was educated in the public schools of Manhattan, and at K. S. A. C.

After a year of teaching, he entered the railway mail service, running between Kansas City, Mo., and Pueblo, Col. His entry into the mail service was coincident with that of Governor Clyde Reed, and the two formed a friendship which endured.

After being promoted to post-office inspector, Harrison was sent to Cuba, where he investigated

postal conditions. He was postmaster at Havana and later temporary director general of the posts of Cuba.

U. S. MARSHAL FOR KANSAS

After serving in various capacities in the postal service, Harrison was made United States marshal for Kansas by President Taft in 1911, and held that post until removed in 1914 by President Wilson. He then bought the Beloit Gazette. In 1927 he was president of the Kansas Editorial association.

"Senator Harrison was a man of strong personality, fine character, and one of my best friends," said Governor Reed. "We have been friends since we were boys and his going is not only a great personal loss to be, but to the state as well."

Senator and Mrs. Harrison were married 29 years ago. They have an adopted daughter, Mary Helen Harrison, 11, who was with them in Topeka and who attended Harrison school. Other survivors are two sisters, Mrs. George Harris of Kansas City, Kan., and Mrs. W. S. Reed of Manhattan, and a brother, William A. Harrison, Topeka.

State Senators Davis, Mann, and Whitman were appointed by Lieutenant Governor Graybill to be in charge of funeral arrangements. From the house Representatives Joseph K. Hicks of Mitchell; A. J. White of Atchison, and J. A. Sloan of Sheridan were appointed to attend the services.

AGGIES' JUDGING GIRL CARRIES ON IN ALASKA

Mary (Haise) Wright, '26, Applying College Training, Does 4-H Club Work in Far North

News has come from Mrs. Mary E. (Haise) Wright, '26, at Anchorage, Alaska. Mary Haise will be remembered as the girl from Colorado who matriculated in agriculture and won signal honors as the only girl that ever won a position on a K. S. A. C. livestock judging team. Miss Haise was second high individual in the National Western livestock judging contest in her junior year and she was a member of the K. S. A. C. team at the American Royal and Chicago International during her senior year.

That Mrs. Wright is making use of her training in agriculture is indicated by her letter.

"The fair board here feels that 4-H club work would be of value in this part of Alaska. I have been asked to organize and get it started. Because I feel that there are great possibilities for this territory, I have decided to do what I can to make it go. I think it may be possible to work up interest in all of the agricultural districts and to send some of the boys and girls to the states to the larger shows. Of course, that is far in the future.

"Mr. M. D. Snodgrass, '06, another K. S. A. C. graduate and director of the experiment station, member of the board of regents of Alaska college and member of the Southwestern Alaska fair board, is also backing the movement."

BEULAH SHOCKEY IS FIRST TO HOLD ART SCHOLARSHIP

Will Facilitate Cooperation Between Colleges and Industry

Miss Beulah Shockey, a member of the faculty of applied arts at K. S. A. C., is the first person to hold the Montgomery Ward and company fellowship in clothing and art.

She will make a study of fashions under the terms of the award which was made available for the first time last fall through the Kansas State Agricultural college. The fellowship is intended to facilitate cooperation between colleges and industry in the present movement for more artistic commercial products.

Miss Shockey has recently returned from New York where she studied color at the Bureau of Creative Art, a school sponsored by the National Retail Dry Goods association.

PICKARD QUILTS U. S. JOB FOR RADIO CHAIN POST

COOLIDGE PRAISES WORK AS FEDERAL COMMISSION MEMBER

Founder of Station KSAC Now Vice-President of Columbia Broadcasting System in Charge of Operation and Foreign Stations

Resignation of Sam Pickard, '22, as a member of the federal radio commission, to become a vice-president of the Columbia broadcasting system, was announced in Washington last week. Pickard will be in charge of station operation and foreign program development.

In 1922 Pickard established the radio "college of the air" at K. S. A. C., the first in the United States. Following the acceptance of President W. M. Jardine of the post of secretary of agriculture, Pickard went to Washington to take charge of the radio division of the U. S. D. A.

AG TRAINING VALUABLE

With the organization of the radio commission, Pickard was "borrowed" because of his knowledge of broadcasting and his familiarity with interesting agricultural subject matter. He was made secretary of the radio commission, and on the occurrence of a vacancy, a member of the commission.

Regret at the resignation and pleasure at Pickard's new position were expressed by President Coolidge in a letter accepting the resignation. "For more than a year you have held an appointment from the district comprising 10 western and middle western states," said the Coolidge letter, in part. "You had a particularly difficult task in making the necessary curtailment of radio facilities, in order to carry out the equalization feature of the radio law. The success which has attended your efforts is evidenced by the small amount of complaint made concerning your decisions.

THANKED BY COOLIDGE

"I wish you every possible success in your future work and want you to know that you have my personal thanks for your public services."

Colleagues on the radio commission expressed regret at Pickard's resignation.

"He fought valiantly in behalf of listeners and broadcasters in the western and middle western states, and was especially desirous of providing good radio facilities throughout the agricultural sections of the country," said a statement by the commission.

Pickard attended the University of Kansas before the war. He served as a member of the country's air forces, and after the war returned to the university, but later withdrew to enrol at K. S. A. C. He was graduated in the division of agriculture.

STRICKLAND ELECTED TO HEAD KANSAS EDUCATORS

Faculty Represented at Meetings of Pedagogues in Topeka

Dr. V. L. Strickland of the college education department was elected president of the Kansas Educators club at a meeting of that group in Topeka last week. Among faculty representatives to attend meetings of educators in Topeka were Dean E. L. Holton, Prof. W. H. Andrews, Prof. J. C. Peterson, Doctor Strickland, Prof. George Gemmell, and Prof. Roy C. Langford.

Farrell Abandons Trip

President F. D. Farrell was forced to abandon a trip to New York for a meeting of the National Broadcasting council last week when he was suddenly taken ill with ptomaine poisoning. He was removed from the train at Galesburg, Ill., on Tuesday, January 29, and taken to the hospital. The following day he left Galesburg, and arrived home Thursday.

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F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, FEBRUARY 6, 1929

JACK HARRISON

Honesty, intelligence, and youthfulness were characteristics of Jack Harrison. To honesty must be added valor, for the one is impossible without the other in a newspaper man. And intelligence in a journalist implies ability not only to see clearly but to speak plainly. Finally, youthfulness implies an open mind, an attitude of seeking. The unexpected manner of his going, without prolonged illness and failing health that would have seemed to make him old, was a part of the logic of Jack Harrison. He could never have been old any more than he could have been ignorant or dishonest.

FIRE!

Usually we can put Humpty Dumpty together again. If a catastrophe occurs there are pieces to pick up, broken wings to be mended. There are, it seems, very few unpleasant situations which are absolutely beyond remedying. What's done is really done, rather rarely. While there's life there's hope seems to hold for any tragedy short of extinction of life itself.

Of course there's milk. But who cries about that?

But and nevertheless, there is one case wherein the disaster is so final, so dreadful, so absolutely done and nothing on earth to do about it, that one is left limp and actually ill. This is the tragedy of a burned paper. Why should anything so temporal, so fragile, so perishable as a paper assume life and death importance, anyway! But it does, and in moments of ignorance or poor judgment works of art and documents of historical value are burned.

It is all done, over, in such a short time. The impulse, the lighted match, the sudden burst of flame, a crinkly black char that becomes powder and then nothing.

"They were just some old English newspapers" the man with the child's mind drawled last week. "I burned them yesterday." Yesterday! It was an old collection of newspapers "discovered" just a month ago, by chance, when leafing through a mouse nibbled old Kansas history. The impulse to ferret them out immediately was stilled by events and a sense of unlimited time. They seem saturated with Time, old newspapers! And we were one day late—after all these years.

Just how valuable they were no one will ever know. That is the grim finality of it.

BOOKS

A Year Book for Kansas

"Kansas Facts" by Charles P. Beebe, editor and publisher. Topeka. \$1.

A library between the two covers of a book is "Kansas Facts," volume one of "a year book of the state." Turn to the index of the 352-page volume and note the contents, sampling here and there, if you would gain an idea of its scope. From "Abilene, 'North of 36,' C. M. Harger" to "Y. M. C. A. in Kansas" one may find references to a hundred things that would require hours of research to discover. Here are references that city editors, educators,

sales managers, writers, and ordinary laymen interested in facts and figures relating to Kansas will bless the author for having assembled in convenient form.

It is Charles P. Beebe's book. Mr. Beebe has done the painstaking drudgery connected with gathering the material, edited it, seen to it that it appeared in appropriate dress. A newspaperman in Kansas for more than a quarter century and a private secretary to a governor of the state, Mr. Beebe is unusually well qualified for the task he has so admirably undertaken. The many who have already found his book valuable will wish him success with this and future volumes of his directory, almanac, book-of-facts, historical record that is this unique publication. —C. E. Rogers.

WHY PEOPLE BUY BOOKS

Most people buy books to read. Literary people buy them to reread. Bibliophiles buy them to see, touch, and ponder their histories. Shrewd men buy them to sell. More and more potent becomes the last named reason. The shy bibliophile who has picked up some musty, stained bible in a sulphurous basement often has apologetic recourse to the sales value of his purchase. Criticized, he will smile slyly, hint: "Wait and see what I can raise on it!" Under cover of this practical sounding alibi he conceals his curious love to finger old vellum, to scan rough, archaic type, to possess a fragment of the 18th century. —Time.

BONDS BUILD COLLEGE HALLS

More than two million dollars' worth of new buildings will be ready for use when the University of Wisconsin opens next September. These buildings include the Service Memorial institute, costing \$800,000, the memorial union building, costing a similar amount, additions to the chemistry building, costing \$400,000.

The two state schools of Oregon—the state university, located at Eugene, and the Agricultural college, located at Corvallis—are providing for the erection of dormitories, costing over \$800,000, by a method that is becoming quite common in these days, both for the state and privately endowed schools. This is done through the sale of bonds. The board of regents in each case executes the bonds and pledges the income from the dormitories as security for their redemption. This is proving a very satisfactory method of financing such enterprises.

The College of William and Mary has awarded the contract for a fire proof academic and biological building, costing \$200,000. —From the Phi Kappa Phi Journal.

KANSAS TREE HISTORY

The most glorious chapter of Kansas forestry has been written on the pages of the old time prairies of the Arkansas valley. That sandy old stream and its tribe of southern tributaries, the Ninnescah, the Kiowa, Cavalry, Protection, Chickaskia, and Cimarron, were for the most part grass bordered. Fire was an important cause of treelessness. The Indian of the prairie implored the fire god to keep the warriors of the north tribes away and helped answer his own prayers by seeing to it that every fall a wide belt of burned prairie halted the war parties from the north. The prospect of no game and no pasture for ponies was enough to hold back the invaders.

The occasional timber growth close to the streams that survived the needs of the freighters on the Santa Fe trail, was cut by the pioneers who had wood contracts for the early forts. The final cleanup of woody species was made by the early settlers whose women folks had such an aesthetic complex that they stubbornly refused to cook with "buffalo chips."

The tale of the growth of trees along the Arkansas and its tributaries is a pleasant one to tell. Fifty years ago these streams ran between grass covered banks, except where wheat and corn fields hid the water. Today the river is outlined by lusty trees. The belt varies from a few to many rods in width, but in the aggregate there are thousands of acres of woodland along these streams.

Fifty years is not long in the mak-

ing of a state, but the first half century of tree planting in Kansas has given most gratifying results. The lessons that are offered by the successes and failures of the plantings of early days should be well remembered. Tree planting was a fetish in the early years of settlement. Most extravagant statements were made and believed concerning the effects of trees upon windrun and rainfall. The rapid

day furlough with his family in Manhattan.

The college basketball team took a trip out of the state for the first time in the history of the college, going to Nebraska Wesleyan and Cotner college.

THIRTY YEARS AGO

Florence R. Corbett, '95, left for Brooklyn, N. Y., to take a special

The Duties of a Dean of Women

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The enrolment of women students averaged 1,518 each year of the biennium. The presence in the college of such a large group of young women, many of whom are away from their homes for a long period for the first time, presents numerous problems that are only indirectly academic and that require special attention. These problems are dealt with by the dean of women or under her direction.

The dean of women is a connecting link between the society from which the freshmen women come and the college community. She sponsors special orientation talks, big sister programs, housemother meetings, personal and group interviews, and initial social events. When necessary she presents to the officers of the college the student viewpoint, and she fosters in the students the ideals of the college. She encourages a better understanding between students and instructors, frequently assisting to straighten out maladjustments. She aids in making proper connections between younger and older students, between men and women, between students earning their way through college and others, between the students and citizens of Manhattan.

Much of this coordination is accomplished by cooperation. The dean of women cooperates with the officers of the college in furthering the educative and administrative policies of the institution. She cooperates with the student organizations, particularly the Student Governing association, with the Pan Hellenic councils, with the college appointment bureau, with the American Association of University Women, and with the churches of Manhattan, giving to each assistance that helps to make their work with students effective. She serves on committees, secures employment for self supporting students, recommends students for loans, and supervises the living arrangements for women students. She influences the social life on the campus by arranging the calendar, approving the plans for all parties, and attending many social functions.

The dean of women frequently is called into council with leaders of student organizations. She is a confidant of many students, and helps each with his or her personal problems. During the second semester of each year she arranges personal conferences with all freshmen women. Through these conferences she discovers many things which need readjustment in order to enrich the college experience for the individual concerned. She arranges vocational guidance talks for the women, and endeavors to keep informed so as to give to students accurate and helpful information concerning professional and business opportunities for women.

The dean endeavors to create in the student with whom she has contacts the proper attitude of mind toward work. She endeavors to keep conversant with new ideals in education, particularly for women, and to be alert to the possibilities of their use in the development of social leaders among the women students.

growth and early success of the trees planted in the fresh, fertile soil encouraged the observer and timber was regarded as a certain source of wealth. —From Trees in Kansas, published by state board of agriculture.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Frances Hildebrand, '17, and Captain Shelby G. Fell, '15, were married in Kansas City.

Lieutenant John F. Davidson, '13, was discharged from the army and resumed his work with Dodge brothers.

Following his discharge from the army at Camp Funston, Marc Lindsay, '16, visited friends here before going to his home in Montana.

TWENTY YEARS AGO

C. A. Murphy, '87, had retired from the newspaper business and was teaching mathematics in the Reno county high school at Nickerson.

W. J. Lightfoot, '81, United States examiner of surveys and special disbursing agent, was spending his 30-

course in domestic economy in Pratt institute.

Lew Hardy of Manhattan received an appointment as acting hospital steward with headquarters in the Philippines.

Lieutenant W. A. Callahan was promoted from second lieutenant to first lieutenant. He was a former student here.

FORTY YEARS AGO

V. V. Akin, f. s., was admitted to the bar.

Professor Shelton and Secretary Graham represented the college at a meeting of the State Dairymen's association.

FIFTY YEARS AGO

Bob Burdette of the Burlington Hawkeye was to lecture in Manhattan.

The addition of the names of George H. Dow and Albert E. Foreman made a total enrolment of 163.

Jacob Remele was having a stone wall built just east of his bakery, preparatory to extending the rear building to the front.

No good man ever grew rich all at once. —Publius Syrus.

SONG

W. J. Turner

Lovely hill-torrents are
At cold winterfall;
Among the earth's silence, they
Stonily call.

Gone Autumn's pageantry;
Through woods all bare
With strange, locked voices
Shining they stare!

SUNFLOWERS

H. W. D.

ARE YOU QUALIFIED?

Almost every kind of test you can think of has come up, with the possible exception of the general utility test for husbands who are handy about the house. The questions which follow at their own leisure are intended to inform any man contemplating matrimony about his probable fitness for the home duties of the contemporary husband.

As in all other tests and questionnaires, some of the points may seem to be irrelevant, but that makes no difference. The more irrelevant a modern survey question is, the higher is the reputation of the investigator for subtlety. If you can understand the reason for a question you never get any fun from answering it.

The questions may be answered in the affirmative or negative or by such expressions as "Maybe," "You don't say," "I'll guess with you," "I'll tell the world," or any other short and original expression that may come into your mind, so-called. This departure in answers is really the only original feature of the survey. Of course, if it were a dignified, reputable investigation in which the experts are unable to catch finer distinctions than "yes" and "no," and "true" and "false," such privileges could not be allowed; but since nobody in this game is going to return any filled blanks, the sky is the limit in answers.

Another advantage of this questionnaire is that it is going to be short, from all indications. The bottom of the column isn't very far away, and if we don't get busy and begin, it won't amount to anything at all, more or less.

Well, here are the questions, such as they are:

If your wife, playing as your partner, makes an initial bid of three hearts and you have four of the honors and five little ones in your own hand, would you make any comment?

Antiques are all right in their place. (T or F.)

If the antique bed were to collapse at 2 a. m. with the thermometer 4 below zero and spill you out on your right ear, would you have anything to say?

If your wife had never enjoyed a major operation and found herself clear out of the conversation, would you encourage her to have her throat cut?

House thermometers are never reliable. It is the way the wife feels about it that determines the temperature. (T or F.)

If you prefer modern poetry and comfortable rocking chairs and your wife prefers spring onions and orchid overdresses, would it be safe to compromise on a pipe and a mink coat?

Suppose your wife reads the serials in the daily paper, what then?

Do you believe that Einstein could stoop so low as to try to kid the public? (This is one of the questions that bear no relation whatever to the apparent purpose of the survey. It is inserted merely to make you feel at home.)

Should the wife's salary as housekeeper exceed the husband's gross income, and why shouldn't it?

What's the difference, anyhow?

When asked what he would take to let a man give him a blow on the head, he said, "A helmet."

—Diogenes.

AMONG THE ALUMNI

H. L. Gingery, '21, has moved from Crawfordville, Iowa, to Ainsworth, Iowa.

Alene (Hibarger) Theisner, M. S. '28, is located at 3116 East Second street, Wichita.

Gretchen (Ruth) Bailey, '23, and Mr. Bailey are at 6710 Forty-fifth street, Chevy Chase, Md.

D. M. Purdy, '17, is working at West Point, Neb., for the United States bureau of animal industry.

Ruth Faulconer, '27, is teaching her second year in the Malin Burnette school at Walla Walla, Wash.

Alice (Johnston) Hubbard, '28, and Joseph Hubbard, f. s., have moved from El Dorado to 2026 Bolles street, Topeka.

W. F. O'Daniel, '28, recently was employed as cow tester by the Riley County Dairy Herd Improvement association.

Sherman S. Hoar, '28, has accepted the position of assistant county agricultural agent for Leavenworth county.

Mattie (Farley) Carr, '89, is teaching in the Oregon State Normal school. Her address is Box 156, Route 2, Salem, Ore.

Bernice (Deaver) Poppen, '08, of Steamboat Springs, Col., called at the alumni office recently while visiting friends in Manhattan.

Eunice Anderson, '24, has been taking advanced work in music at the American conservatory and is now teaching at Randall.

Dale Carmean, f. s., Valley Falls, last week played the part of the leading man in a play presented by the art department of the Women's club of Topeka.

Marjorie (Melchert) Miller, '23, is enrolled in graduate work at the University of Pennsylvania. Mrs. Miller and Ernest F. Miller, '25, live at 936 Ninth street, Moores, Pa.

Mabel R. Smith, '26, resigned her position as teacher of home economics in the Harveyville high school to become county home demonstration agent for Crawford county. Her address is farm bureau office, Girard.

H. A. Hoffman, '17, has resigned his position as bacteriologist with Antioch college, Yellow Springs, Ohio, to take up research work for the Pitman-Moore company, Indianapolis, Ind. His address is Zionsville, Ind.

S. R. Johnson, '20, formerly pathologist with the Michigan State board of health is now employed by the Addison Fur company, 703 Reynolds Bldg., Jackson, Mich. This firm operates 14 fox ranches for which Doctor Johnson is veterinarian.

John F. Davidson, '13 has sold his automobile business in Rock Rapids, Iowa, and bought a larger business in Kearney, Neb. He writes that they are glad to be nearer Kansas and hope to meet old friends often. Their home is at 2024 First avenue, Kearney.

Edgar Durham, '28, inspector entomologist for the Export Flour Trade bureau and now stationed at Galveston, Tex., spent the holidays with his parents, Prof. and Mrs. Hugh Durham. Before returning to Texas he inspected flour mills in St. Louis and Oklahoma City.

Harold Garver, present student at K. S. A. C., is the inventor of a parlor basketball game which scored a hit on the holiday market. The device has been distributed by the Hatan manufacturing company of Kansas City and according to predictions by the Kansas City Star, "the young man should soon be able to buy one of the Aggie buildings."

MARRIAGES

ZABLE—SPRINGER

Announcement has been made of the marriage of Saville Zable of Westmoreland to Noble J. Springer, f. s., January 8.

MORGAN—HAYES

The marriage of Beatrice Morgan of Junction City and Raymond Hays,

f. s., took place December 6. Mr. and Mrs. Hays are living in Bonner Springs.

STITT—BRUMM

The marriage of Mary Stitt, f. s., to Forest E. Brumm, f. s., took place in Topeka January 19. Following a motor trip to California Mr. and Mrs. Brumm will be at home in Manhattan.

THOMPSON—ALLEN

Announcement has been made of the marriage of Elizabeth Thompson, Washburn college, to William L. Allen, f. s., at Topeka January 27. Mr. and Mrs. Allen are at home in the Hurley apartments, Topeka.

WRIGHT—MULLOHNEY

Mr. and Mrs. George A. Wright of Washington announce the marriage of their daughter, Mildred, f. s., to M. F. Mullohney of Duluth, Minn., in Lincoln, Neb., November 26. Mr. and Mrs. Mullohney are making their home in Duluth.

WILSON—JOHNSTON

The marriage of Helen Agnes Wilson, Kansas university, and Harry R. Johnston, f. s., took place January 19. Following a wedding trip Mr. and Mrs. Johnston are at home in Eureka where Mr. Johnston is resident engineer.

CROCKETT—SATHER

The marriage of Mrs. Mary Elva Crockett to Arnold A. Sather of Ames, Iowa, took place in Chicago December 23. For several years Mrs. Crockett was secretary to Dean Margaret Justin in the division of home economics at K. S. A. C. and for the last two years had held a similar position at Ames. Mr. and Mrs. Sather will make their home there.

BIRTHS

Josiah Williams, f. s., and Grace (Gaskill) Williams of San Francisco, Cal., announce the birth of a son January 16.

John F. Huff, '28, and Emma (Schull) Huff, '27, of Kansas City, Mo., announce the birth of John Felton, jr., January 16.

W. L. Leshner, '24, and Bernice (Miller) Leshner, '22, announce the birth of their son January 17. Mr. and Mrs. Leshner live in Manhattan.

H. D. Gish, '21, and Irene (Graham) Gish, '21, announce the birth of their son December 20. Mr. Gish is an athletic director at Nebraska university, Lincoln.

Lawrence F. Hall, '23, M. S. '27, and Eleanor (Watson) Hall, '23, announce the birth of their son, John Watson, on January 30. Mr. Hall is an assistant in vocational education at K. S. A. C.

DEATHS

LUND

Mrs. Anna (Barlow) Lund, age 73, wife of Jacob Lund, '83, died at her home in Manhattan December 30. Besides her husband Mrs. Lund is survived by a son, John, '15, and two daughters, Phoebe, '16, and Mrs. J. W. McGee. Burial was at Manhattan.

ALLISON

Virginia Marygene Allison, aged six months, died at her parents' home on January 7. She was the small daughter of Fred D. Allison, '25, and Elizabeth (Morrison) Allison, of Abilene. Complications from influenza resulted in death. Burial was in Rosehill cemetery near her parents' former home at Hazelton.

FARRAR

Robert Kilby Farrar, '96, died at his home in Carthage, Mo., on January 5. In August, 1927, Mr. Farrar suffered a paralytic stroke from which he never fully recovered. For the past five years he had been a member of the faculty of Ozark Wesleyan college, Carthage. His wife, and a daughter, Mildred, survive him.

LOOKING AROUND

KENNEY L. FORD

Dr. C. W. McCampbell, head of the animal husbandry department, announces a coming meeting that will be of especial interest to alumni who are in the livestock business in Kansas.

"There will be a get together meeting of former students of the Kansas State Agricultural college the first day of the annual meeting of the Kansas Livestock association at Wichita, March 6, 7, and 8," he reports. "It should be emphasized that this includes those who did not graduate as well as those who did. It also includes those who were enrolled in the farmers' short course. This meeting will be held Wednesday evening, March 6, at 6 p. m. the exact place to be announced during the livestock meeting on that date.

"A check reveals that a large percentage of those who attend these livestock association meetings formerly attended K. S. A. C., yet very few of this group are acquainted with each other or with the fact that they are former students of the same institution. When this matter has been discussed with such individuals they have all expressed a desire to have a get together meeting so it will be held this year."

Doctor McCampbell urges former students who plan to attend the livestock meeting to pass the word along to other former students in their communities in order that a good turnout may be had for the first K. S. A. C. alumni meeting of the Kansas livestock men.

L. A. O'Brien, '14, and Gertrude (Wunder) O'Brien, '15, of South Orange, N. J., spent half of last year in London, Switzerland, Italy, and France. Mr. O'Brien was in charge of a picture transmission project for the London Express Newspapers, Ltd., a newspaper with a circulation of 1,500,000. He is employed by the Bell Telephone laboratories of New York, in which the equipment was manufactured. He writes as follows:

"The London Express Newspapers, Ltd., has its main publishing house in London with branch publishing houses in Manchester, England, and Glasgow, Scotland. The newspaper as printed at the branches is practically the same as the corresponding editions printed in London. They use printing telegraph channels for distributing the news copy between houses, and now they are able to distribute the news photographs in time for simultaneous publication at the three points, using the picture transmission system, sending the pictures electrically over a private telephone line circuit.

"When the order for this equipment was placed with the Western Electric company last spring, I went to England for five weeks, making an engineering survey for the project. When the equipment was shipped from New York to England in August, I returned to England and with the assistance of two American engineers, supervised the preparation of the three picture stations, the installation and testing of the transmitting and receiving apparatus, and the training of station operators and photographic men in the proper use of the system. It was an interesting experience from an engineering viewpoint for me, as well as the pleasure of visiting foreign lands."

Colorado Alumni Meet

George C. Wheeler, '95, Denver, Col., managing editor of Western Farm Life, sends the following:

An unusually enthusiastic meeting of the Colorado K. S. A. C. association was held in Denver Monday evening of stock show week, January 14. Kansas Aggie Engineers living in the centennial state look forward with eager anticipation to this meeting each year for the touch with K. S. A. C. which it brings through the attendance of the junior stock judging team with its coach and others direct from the college. The count this year showed 47 gathered around the banquet table in the Y. W. C. A. building where the meeting was held. Greetings came thick and fast as

the loyal children of K. S. A. C. gathered and began to renew old friendships and make new ones, for the range of years was from Dr. Giles P. Howard of the '70's on down to the boys of the stock judging team.

There was no set program. The boys direct from the college were scattered about the tables so all had a chance to talk with them and after a few remarks from Prof. F. W. Bell, in which he introduced the members of the team, each told some phase of the work or recent developments on the campus. This was a most enjoyable part of the meeting. We found in running over Colorado history that the men and women from the Kansas college while not forgetting their alma mater have been throwing themselves into things in their new homes in a manner bringing credit to the institution from which they came. We found the high school judging team from Las Cruces, N. M., winning first place in the judging contest, in charge of P. E. Neale, '20. A number of the K. S. A. C. folks in Colorado could not attend the banquet because of important duties in connection with handling of various activities about the show.

Members of the class of '88, who attended the fortieth anniversary meeting of their class at Manhattan last June, Mr. and Mrs. E. H. Snyder, D. W. Working and W. S. Hoyt, told of the good time they had. Informal remarks were made by Dr. J. P. Scott, '16, and '24, now doing advanced work in Denver; Virgil D. Stone, '13, E. E.; F. T. Parks, '10, C. E.; William Ljungdahl, '05, and others. Almost every one there had a few words to contribute and no one attempted to signal the chairman to adjourn, although the hour was getting late. As a final stunt, inspired apparently by talking over old times, an election contest was staged for the office of president between the "Aggies" and the "Engineers" with all the vim, fervor and seriousness of the old literary society days; in fact the chairman could have closed his eyes and fancied himself back in one of the society halls of old in the midst of the election of officers. The engineers won by a narrow majority and F. T. Parks was elected. Mrs. Dora (Van Zile) Snyder was elected vice-president and Mrs. G. W. Oliver, '23, secretary-treasurer. Then came formal adjournment but many remained to chat in groups.

Those present were: Thomas G. Storey, '21; Mrs. Thomas G. Storey; Virgil D. Stone, '13; Louise (Burgess) Stone; F. T. Parks, '10; Minnie (Foresman) Parks, '09; Paul Chilen, '30; Mr. and Mrs. R. A. Hake, both '23; G. W. Oliver, '20; Mrs. Oliver, '23; Allen Terrell, '30; F. W. Bell; Ray Hass, '30; Glen Slaybaugh, '28; Mary (Strite) Burt, '05; H. A. Burt, '05; Frederick H. Schultz, '30; W. A. Buchheim, '11; Iva Porter, '16; Mrs. Celia R. Porter; G. W. Schmidt; Mrs. Alta (Adams) Schmidt, '19; G. C. Wheeler, '95; Myrtle (Smith) Wheeler, '95; Dr. J. P. Scott, '16; Mrs. J. P. Scott; W. S. Hoyt, '88; Hazel W. Hoyt; D. W. Working, '88; Kyle D. Thompson, '20; Margaret (Hulse) Thompson; P. E. Neale, '20; Dr. H. G. Beatty; G. C. Miller, f. s.; Mrs. G. C. Miller; B. M. Anderson, '16; William Ljungdahl, f. s.; J. B. Hollinger, f. s.; Ruth Wheeler, f. s.; Dora (Van Zile) Snyder, f. s.; Edwin H. Snyder, '88; Giles P. Howard, '82; Raymond W. O'Hara, '30; Ralph C. Jones, f. s.; Myrtle (Aults) Jones, f. s.

Seaton to Office

R. A. Seaton, '04, dean of engineering at K. S. A. C., was elected vice-president of the Kansas Engineering society, at the annual meeting held in Wichita recently. C. H. Scholer, '14, head of the applied mechanics department at K. S. A. C., was elected a director of division "A" of the organization.

Edith Holmberg, '08, M. S. '28, has accepted a position on the extension staff at the University of Ohio.

Alice Radebaugh, '28, has accepted a position as teacher of home economics in the Indian school at Ardmore, Okla.

RECENT HAPPENINGS ON THE HILL

An outside enrolment of 44 was recorded for the first annual illumination school, held at the college last week.

The "Travel Number" of the Brown Bull, college humorous magazine, will be published the latter part of this week.

"Go to College" team tryouts were held in recreation center the first part of this week. They were in charge of Jim Pratt, Manhattan.

Helen Laura Dodge, Manhattan, fired a perfect score of 100 in the first intercollegiate match of the women's rifle team, against the Massachusetts Agricultural college.

An enrolment of 2,653 for the second semester was reported as of January 30 by Miss Jessie McDowell Machir, registrar. The figures are 72 below those for the corresponding time last year.

An informal dinner was given at the Wareham hotel Tuesday, January 24, by the committee on relations with junior colleges and liberal arts colleges, in honor of Prof. C. W. Matthews, who is now at Harvard for graduate work.

During the second semester press teams will be sent from the college journalism department to the following six Kansas papers: Frankfort Daily Index, Clay Center Times, Republic City News, Salina Journal, Great Bend Tribune, Minneapolis Messenger.

A four page magazine was included in the January 29 issue of the Kansas State Collegian. It was started by Gladys Suiter, Macksville, who is retiring as editor, and will be continued as a regular monthly feature by John Chandley, Kansas City, incoming editor.

A fire started by the explosion of a gasoline heater in a hamburger shop at 1311 Anderson avenue, last Friday night, destroyed all but the shell of the building. The building and business were insured for \$2,000. Several college students were inside at the time of the explosion, but none was hurt.

Max Fockele, Ottawa, freshman in rural commerce, was arrested last Wednesday by county officers on a warrant sworn out by Judge Dallas Grover, Salina, father of Danton Grover, freshman civil engineer, who is in Parkview hospital with injuries received early last week at the Pi Kappa Alpha house. Grover, who suffered internal hemorrhages from a blow in the face, is reported improved.

Nichols Dies a Hero

Details of the automobile accident in which Ralph M. Nichols, f. s., was killed last month have been supplied by Wes Roberts, f. s., of the Oskaloosa Independent, as follows:

"Nichols met death through deliberate choice, taking a telephone pole rather than the possibility of a collision with another car which might have injured its occupants," Roberts says in a letter to The Industrialist.

"With a companion he left San Angelo, Tex., Sunday afternoon to return to his work in the oil fields, and on the outskirts of the town met two cars, one of which attempted to pass the other, forcing Nichols to swing far to the right to avoid a collision.

"His right front wheel hooked into a telephone pole. The car swung around, smashed into a parked car nearby, and Nichols was made unconscious by the crash. Examination at the hospital showed the base of his spine crushed. His companion escaped injury. Nichols died two hours after he regained consciousness following an operation."

If he does really think that there is no distinction between virtue and vice, why, sir, when he leaves our houses let us count our spoons.

—Life of Johnson (Boswell).

FARM-HOME PROGRAM DRAWS 200 FIRST DAY

PRIZE WINNERS TO BE ANNOUNCED
AT BANQUET FRIDAY

All But One County Wheat Champion
to Attend Program—Three Busy
Days in Store for Women
Visitors

Activity on the college campus centers around Farm and Home meetings this week, the fifty-fourth annual series of farm gatherings having opened yesterday morning. Continued cloudy and cold weather and uncertain road conditions made estimates of the possible attendance during the week impossible.

At noon yesterday nearly 200 were on the college campus for the opening meeting of poultry day. Today is dairy day, tomorrow livestock programs are scheduled. In addition the agronomy program opens and will continue through Friday morning and afternoon. Meetings have been arranged for tomorrow and Friday by the agricultural economics department. Veterinarians of Kansas will be in conference both days, and a farm power program has been arranged for Friday.

THREE BUSY DAYS

Women of Kansas have three busy days scheduled for them beginning today with the home economics programs. Recreation, entertainment, farm home problems, and community work discussions and allied subjects fill the schedule.

In keeping with the annual custom, winners of many prizes will be announced at the annual banquet Friday evening. The name of the 1928 wheat champion will be made public, outstanding corn growers will receive recognition, winners of lime and legume contests, the attendance contest, and various judging contests will be announced. Others who have made outstanding records in some phase of Kansas agriculture will be introduced.

COUNTY WHEAT CHAMPIONS

Of a score of 1928 county wheat champions all but one will be in attendance at Farm and Home week. The county champions are: W. D. Esmiller, Great Bend, Barton county; A. J. White, Coldwater, Comanche county; W. A. Long, Fowler, Ford county; T. G. Saunders, Anthony, Harper county; A. R. Challendar, Sedgwick, Harvey county; Wayne Billings, Jetmore, Hodgeman county; Chas. Weathered, Norwich, Kingman county; Frank R. Bertram, sr., Greensburg, Kiowa county; L. J. Cunnea, Plains, Meade county; W. V. Stutz, Utica, Ness county; C. F. Hertlein, Pratt, Pratt county; F. E. Tonn, Haven, Reno county; F. J. Haybiger, Bushton, Rice county; Alex. Schultz, Hoisington, Route 1, Russell county; J. B. Ott, Wichita, Route 7, Sedgwick county; R. J. Hayden, Ruleton, Sherman county; Manuel Kolarik, Caldwell, Sumner county.

AGGIE JOURNALISM STUDENTS WRITE FOR TOPEKA CAPITAL

Get Practical Experience Reporting on
Kansas Day Edition

Local news for the Kansas Day edition of the Topeka Daily Capital was written largely by K. S. A. C. journalism students. Of them and their work the Capital said:

"The Kansas Aggie students from Manhattan were Topeka's guests yesterday and as such wrote the news for The Daily Capital, much of the news in the paper this morning being the product of their typewriters.

"They liked the town and the town liked them. They were enthusiastic and ambitious, and included among them were some of the future newspaper men and women of Kansas."

Students who had a part in the publication were:

Ruth Botsford, Manhattan; Esther Brown, Manhattan; John Bird, Hays; Foster Scott, Manhattan; A. H. Mero-ney, Garden City; John C. Watson, Frankfort; Kermit Silverwood, Ellsworth; Marjorie Manshardt, Leonardville; Jay Adriance, Westmoreland; Vera Crawford, Lincoln; Jo Keefe, Glen Elder; Milton Allison, Great Bend; Johnson Holmes, Manhattan; Byron Herrington, Silver Lake; Helen Sloan, Hutchinson.

Paul C. Westerman, Waterville; Gordon Hohn, Marysville; Helen Hemphill, Clay Center; Esther Rockey, Manhattan; Gladys Suiter, Rockville; Florence Thibaut, Kansas City; Wilmar Sanders, Clay Center; Fred Seaton, Manhattan; Emily Sheppard Thackeray, Manhattan; R. C. Klepe, Kansas City; Elma Stewart Ibsen, Manhattan;

William Russell, La Crosse; Opal Thurow, Macksville; Marian Cross, Manhattan; John S. Chandley, Kansas City.

Paul Howard, Mount Hope; Margaret McKinney, Great Bend; Catherine Halstead, Manhattan; Ted Guthrie, Saffordville; Lenore McCormick, Cedar Vale; Meredith Dwelly, Manhattan; Lowell Treaster, Beloit; Charles Dean, Manhattan; Shirley Mollett, Manhattan; Ruth Claeren, Manhattan.

BASKETBALL TILT WON BY JAYHAWKS, 31-24

Inability to Hit Basket Costs Aggies
Game With Ancient
State Rival

Inability to hit the basket cost the Kansas Aggie basketball team a 31-24 defeat at the hands of its ancient state rival, Kansas university, at Lawrence last Saturday night.

The Aggies got a 3 to 0 lead in the first minute when Nigro dropped in a free throw and then tipped in a field goal, but Bishop of the university put his team into the lead with two field goals, and the Jayhawks stayed ahead the rest of the game. The half score was 17 to 11.

It was not inability to break through the K. U. defense, but inability to put the ball through the hoop that put the Aggies on the short end of the score, according to those who saw the game.

The defeat puts the Wildcats into a tie with the university for last place in the Big Six conference.

Oklahoma university is in first place, with five victories and no defeats. The Sooners were tied with Missouri up to last Saturday but won from the Tigers 40 to 34.

The Aggie-Kansas U. box score:

| Aggies | G. | FT. | F. |
|---------------|----|-----|----|
| Skradski, f | 1 | 1 | 2 |
| Nigro, f | 1 | 3 | 2 |
| Russell, f | 0 | 1 | 1 |
| Silverwood, f | 1 | 1 | 2 |
| Freeman, c | 1 | 1 | 2 |
| Richardson, g | 2 | 3 | 2 |
| Weller, g | 0 | 1 | 0 |
| Forsberg, f | 0 | 1 | 1 |
| Gann, g | 0 | 0 | 0 |
| Totals | 6 | 12 | 12 |

| Jayhawks | G. | FT. | F. |
|--------------|----|-----|----|
| Bishop, f | 6 | 0 | 3 |
| Thomson, f | 3 | 4 | 2 |
| Ramsey, c | 1 | 0 | 3 |
| Dodd, c | 0 | 1 | 0 |
| Cox, g | 2 | 0 | 4 |
| McGuire, g | 1 | 0 | 3 |
| McCormick, g | 0 | 0 | 0 |
| Totals | 13 | 5 | 15 |

Offer Free Trip

Several free trips to Estes Park, Col., a trip to the K. S. A. C.-S. M. U. football game at Dallas, Tex., next fall, and a trip to California and the Catalina islands are offered as prizes in a sales contest for the 1929 Royal Purple, scheduled to start next week.

PROGRESS OF KANSAS PRESS

F. E. C.

Robert (Bob) Good, for 21 years editor of the Cawker City Ledger, has sold the Ledger and will be employed by the Western Newspaper Union in community newspaper service. Good's territory will be the north central section of Kansas.

J. Byron Cain uses peppy box headings on his local and correspondence columns. Ordinary locals become "Little Newslets," classified ads become "News Want Ads," and other town items are headed "Peck Pickups" in Cain's Belle Plaine News.

J. C. Hinshaw, editor of the Barber County Index, Medicine Lodge, appropriately runs a "Medicine Cabinet" column on his editorial page. It is a place for "prescriptions that are guaranteed to bring a smile," and allows the editor to "blow off surplus steam." Contributions are requested from readers.

Less than a year ago Willard Mayberry testified to his faith in western Kansas by purchasing the Elkhart Tri-State News in Morton county. He is giving his readers a breezy paper, full of advertisements, and is helping to make southwestern Kansas the garden spot dreamed of 43 years ago this month by Editor Euphrates Boucher of the Frisco Pioneer.

At the request of B. F. Hemphill, editor of the Clay Center Economist, the first white girl to come to Clay Center—now an elderly woman of Kansas City—wrote a lengthy letter telling many interesting early day events of Clay Center. The letter and a cut showing an early day view

SEED LABORATORY IS FARM'S SERVICE UNIT

TEST SAMPLES FOR IMPURITIES
AND GERMINATION

Lots Examined in 1928 Number 6,825,
Showing Growth in Work—Spread
of Noxious Weeds Is
Prevented

The Kansas state seed laboratory, maintained at the Kansas State Agricultural college by the state board of agriculture, tested 6,825 samples for Kansas farms in 1928, according to Prof. J. W. Zahnley who is in charge of the laboratory. The number shows an increase over 1927 when 6,547 samples of all kinds were tested.

Kansas farmers can well afford to make use of the seed laboratory in testing their field seed for purity and germination. Professor Zahnley thinks. His statement is based upon definite services rendered in the past. In 1928 the seed laboratory found among other lesser facts:

AVOIDS PLANTING WEEDS

In 163 lots of alfalfa seed, 108 contained more than 90 dodder seeds per pound.

In 143 lots of red clover seed, 20 contained more than 90 dodder seeds per pound.

In 157 lots of seed oats, three contained field bindweed.

In 863 lots of seed corn, 18 germinated less than 50 per cent.

In 738 lots of sorgho seed, 14 germinated less than 50 per cent.

These examples are extreme. In addition to these findings hundreds of cases of poor germination and impure seed were discovered. Field bindweed has been called the worst weed pest ever to infest Kansas fields and experimental work in its control has been exhaustive. It still offers a serious problem to Kansas agriculture. Dodder is also an obnoxious field weed.

A THREEFOLD BENEFIT

Benefits derived from testing seed samples for germination and purity are threefold, according to Professor Zahnley. The seed showing a low germination will be discovered and its planting be avoided, spread of noxious weeds will be checked, and higher yields of quality crops will result.

Seed samples are tested by the laboratory free of charge.

The judge is condemned when the criminal is acquitted.

—Plubius Syrus.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., 51; Aggies, 36.
Jan. 24—Nebraska U., 21; Aggies, 30.
Feb. 2—Kansas U., 31; Aggies, 24.
Feb. 9—Missouri U., Manhattan.
Feb. 13—Okla. A. & M., Manhattan.
Feb. 16—Iowa State, Manhattan.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

WILDCAT TRACK MEN TO K. C. A. C. INDOOR

Coch Haylett Holds Preliminary Trials
for First Meet of 1929
Season

A speedy time trial run by Captain Temple Windburn, De Kalb, Mo., has increased Kansas Aggie hopes of winning the 600 yard special Shannon Douglas cup race at the Kansas City Athletic club indoor meet Saturday night. Windburn turned in the time of 1:22.7 on the 110 yard indoor track of Nichols gymnasium last Saturday.

H. S. Miller, Kansas City, Kan., won the time trials in the mile with 4:42.7, and L. E. Will, a former letter man at Tarkio, Mo., was second. The time is not bad for the track here.

C. E. Nutter, Falls City, Neb., won the quarter mile on time, with Cedric McIlvain, Smith Center, second, and James Yeager, Bazaar, third.

L. E. "Red" Moody, last year's Aggie captain, burnt up the track in the half mile trials for the time of 2:03.8, exceptional considering the condition of the track. Moody will run either unattached or under K. C. A. C. colors, as he has completed his three years of competition for the college. E. G. Skeen, Eskridge, made the best half mile time of the eligible men.

Trials were not held in the two mile run, as the men who will compete had not rounded into form yet.

Chester M. Roerhman, White City, won the high jump trials at 5 feet 6 inches. H. L. Bagley, Manhattan, who has been making the best high jump marks, is ill with a light case of influenza.

O. H. Walker, Junction City, who has the best competitive record of any high jump candidates, has just reported for the team and is expected to help matters considerably when he gets in shape.

George Lyon, Manhattan, and J. E. Smith, Woodward, Okla., will be taken to Kansas City for the shot put, and Hugh Richwine, Holcomb, is to compete in the pole vault. W. M. Holt, Augusta; E. L. Ross, Ashland, and Ansel Myers, Lyons, will compete in the sprints and hurdles.

POULTRY COURSE AT COLLEGE NEXT WEEK

Professor Payne Announces Week's
Study, Aimed to Review Latest
Commercial Methods

February 11 to 16 are dates announced last week by Prof. L. F. Payne, head of the poultry department, for the third annual poultry short course to be held at the college. Profitable poultry raising as practiced by the latest improved methods will be the keynote of the week's work.

"New developments are not confined alone to the production field," Professor Payne said in announcing the course. "The progress in refrigeration by the use of dry ice and silica gel and the development of the canned poultry industry has been most rapid within the past year. The tendency towards the sale of drawn frozen poultry is opening up a new field which promises many changes in the packing industry.

"The poultry industry with its egg breaking machines, egg grading machines and other labor saving devices is keeping step with this mechanical age and no one ventures to predict what the next development will be. Progressive poultry raisers, poultry buyers, and packing house managers will find this one week's course profitable."

Schedule Nebraska Meet

Scheduling of an indoor track meet with Nebraska university, for February 16 at Lincoln, has been announced by the college athletic department.

GLEE CLUB ENTERED IN VALLEY CONTEST

WILL APPEAR IN KANSAS CITY,
FRIDAY, FEBRUARY 8

Thirty-Four Men to Make Trip—"Wildcat Victory" By Erickson to be Used as College Song for Event

The men's glee club of the Kansas State Agricultural college will compete in the Missouri Valley Intercollegiate contest to be held in the Ararat temple at Kansas City, February 8.

"Songs My Mother Taught Me" by Dvorak Smith is to be the contest song. The college's choice song is "Ashes of Roses" by Colt. "Wildcat Victory" by Erickson was chosen by the K. S. A. C. club as its college song for the contest.

Members of the K. S. A. C. glee club who will compete are: First tenor—R. W. Dudley, Manhattan; A. H. Hemker, Great Bend; Hugh Jones, Horton; C. F. Monteith, Hoxie; F. G. Powell, Frankfort; Pierce Powers, Junction City; C. E. Retder, Troy; E. J. Ruisinger, Kansas City.

Second tenor—J. H. Barnard, Oil Hill; K. D. Benne, Washington; Willard Hemker, Great Bend; J. G. Hilliard, Severy; G. R. Kent, Wakefield; W. H. Kirkpatrick, Webber; W. V. Redding, Coffeyville; E. H. Regnier, Spearville; Robert Russell, Manhattan.

First bass—A. M. Breneman, Parsons; F. H. Clark, Florence; Howard Fry, Hope; M. M. Ginter, Manhattan; R. E. James, Wetmore; Clair Jordan, Jewell City; E. H. Kroeker, Hutchinson; C. W. Meagher, Severy; G. E. Toburen, Cleburne.

Second bass—W. J. Braun, Council Grove; C. B. Gibson, Douglas; R. K. Hoefener, Leavenworth; F. F. Lampton, Cherokee; S. V. Lyons, Lucas; J. W. Myser, Americus; R. L. Peters, Leavenworth and Homer Yoder, Manhattan.

MILLERS GIVE \$500 FOR RESEARCH FELLOWSHIP

National Association Agrees to Support
Work Done Under Supervision
of K. S. A. C. Department

A \$500 fellowship for research in milling has been granted to the Kansas State Agricultural college by the Association of Operative millers, according to announcement of C. O. Swanson, head of the department of milling industry. The fellow is to be chosen in the usual manner by officers of the college. At the time the fellowship becomes effective, the recipient shall have obtained a bachelor's degree from a recognized college or university.

Such college assignment may be taken by the fellowship holder as will permit him to obtain a master's degree in two semesters and one summer school. He is to investigate some problem related to the milling of wheat, and the research work is to count on his college credits.

The first fellow is to be chosen soon, and will begin work next summer, according to Doctor Swanson. He will work under the direction and supervision of the officers of the department of milling industry, and be assigned some phase of the problems now under consideration. A report on the work accomplished will be given at the national convention of the Association of Operative Millers, in the summer of 1930. It is expected that the fellowship will be continuous.

The association offering the fellowship is composed of superintendents, head millers, and others whose work is connected with flour manufacture.

R. O. Pence, of the department of milling industry at K. S. A. C., is chairman of the research department of the national association.

Supervision of the fellowship was given to K. S. A. C. because of excellent equipment available for research purposes at the college, due to donations of equipment and facilities made available through appropriations of the state legislature.

Is not a patron, my lord, one who looks with unconcern on a man struggling for life in the water, and when he has reached ground encumbers him with help?

—Life of Johnson (Boswell).

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, February 13, 1929

Number 18

NEW WHEAT CHAMPION IS SCIENTIFIC FARMER

COMBINES CROP PRODUCTION, COMMUNITY BUILDING

King for 1928 Is an All-Around Good Workman, a Homemaker, and an Asset to County and State—Nineteen Other Champions

W. A. Barger, Pawnee county farmer who was honored at the college last week as the 1928 wheat champion of Kansas, won the recognition not so much because he produced a high yield of wheat as because he combined a high yield with high protein content, high test weight, and approved farm practices. Moreover, Barger is a community builder in addition to being a scientific farmer.

"Mr. Barger won the honor because he is not only a good farmer but a fine fellow," Prof. Chester E. Graves, college extension specialist, said. "With men like Barger in western Kansas it is no wonder that Kansas grows the best hard wheat in the world. Barger has been an asset to his community and he is an all-around good farmer."

IDEAL HOME LIFE

"He has raised and educated a good family in a modern home. The Barger home has a radio and time saving equipment and appliances. Mrs. Barger is herself a real helpmate. She is interested in the farm and knows all about things around the place. She can tell you many details including financial matters concerning their farm and yields of crops."

Barger's wheat yield last year was 44.42 bushels per acre and the grain tested 65 pounds per bushel with a protein content of 13.50. Barger has 710 acres of wheat growing at present and all of it was planted after the fly free date last fall and after rains had come to insure sprouting at once so false wire-worms would not attack the seed. Barger always treats his seed wheat for smut with the copper carbonate dust. He applies the dust with a power machine of his own construction.

The 1928 wheat king is one of the Kansas wheat belt project leaders and never misses project meetings, according to Graves. He attends district wheat schools, county wheat schools, and runs county test plots. He cooperates with the Pawnee county farm bureau and the Kansas agricultural experiment station in Manhattan in conducting variety tests.

HAS MECHANICAL MIND

Besides knowing the difference between profitable and unprofitable agricultural practices, Barger is of a mechanical turn of mind. He and his son have converted a three story granary into an elevator which saves them much time and labor. With an old tractor engine they have rigged up a device to elevate the grain and with this same engine operate their power smut treater.

In choosing the state wheat champion the committee of judges named C. F. Murphy of Burrton, Harvey county, for second place honors, and John Luft of Bison, Rush county, for third place honors. Awards were a silver water pitcher and \$300 cash for first place, \$200 for second place, and \$100 for third place. Prizes were given by the Kansas City, (Mo.) chamber of commerce.

OTHER WHEAT CHAMPIONS

Other county wheat champions who competed in the state contest were: W. D. Esmiller, Great Bend, Barton county; A. J. White, Coldwater, Comanche county; W. A. Long, Fowler, Ford county; T. G. Saunders, Anthony, Harper county; A. R. Challendar, Sedgwick, Harvey county; Wayne Billings, Jetmore, Hodgeman county; Chas. Weathered, Norwich, Kingman; Frank R. Bertram, sr., Greensburg, Kiowa county; L. J. Cunnea, Plains, Meade county; W. V. Stutz, Utica, Ness county; C. F. Hertlein, Pratt county;

F. E. Tonn, Haven, Reno county; F. J. Habiger, Bushton, Rice county; Alex Schultz, Hoisington, R. 1, Russell county; J. B. Ott, Wichita, R. 7, Sedgwick county; R. J. Hayden, Ruleton, Sherman county; Manuel Kolarik, Caldwell, Sumner county.

Knox Heads Sheep Breeders

Kansas sheep breeders who met at the college last week chose Sam Knox, Humboldt, president for the coming year. A. H. Diehl, Enterprise, is the new vice-president, and Prof. H. E. Reed of the college is the secretary and treasurer.

MASTER HOMEMAKERS ORGANIZE STATE GUILD

Outstanding Farm Women, Chosen By Farmer's Wife and College, Aim for Efficiency

Master Farm Homemakers of Kansas formed the Farm Homemakers Guild of Kansas at the college last week. Charter members are the master homemakers of the state chosen either last year or this year by the college in cooperation with the Farmer's Wife, farm women's magazine. Mrs. O. M. Coble of Sedgwick was elected president, and Miss Nora Towner of Olathe was chosen secretary-treasurer. The aim of the organization is to work for higher efficiency among farm women.

Charter members are Mrs. O. M. Coble, Sedgwick; Miss Nora Towner, Olathe; Mrs. Harper Fulton, Fort Scott; Mrs. O. O. Wolf, Ottawa; Mrs. W. H. Marsh, Chanute; Mrs. Russell Schaub, Independence; Mrs. Adam Brown, Cheney; Mrs. J. W. Chitwood, Pratt; Mrs. M. M. Melchert, Ottawa; and Mrs. Homer Marks, Emporia.

E. H. TAYLOR PRESIDENT OF STATE DAIRY GROUP

Breed Associations Also Select Officers During Farm and Home Week for Coming Year

Four dairy breed organizations of Kansas and the Kansas State Dairy association which met at the college last week elected officers for the coming year. The officials announced following business meetings are:

Kansas State Dairy association—president, E. H. Taylor, Keats; vice-president, Van Roy Miller, Lawrence; secretary-treasurer, T. R. Warren, K. S. A. C.

Kansas State Holstein association—president, Ralph O. Button, Elmont; vice-president, H. J. Meierkord, Linn; secretary-treasurer, H. W. Cave, Manhattan; legislative committee, W. H. Mott, Herington.

Kansas Jersey Cattle club—president, E. H. Taylor, Keats; vice-president, L. McClurkin, Clay Center; secretary-treasurer, D. L. Wheelock, Clay Center; legislative committee, Fred Laptad.

Kansas Guernsey Cattle club—president, Paul Johnson, Independence; vice-president, Van Roy Miller, Lawrence; secretary-treasurer, A. W. Knott, Independence; legislative committee, Paul Johnson, Independence.

Kansas Ayrshire Cattle club—president, G. Fred Williams, Darlow; vice-president, A. L. Williamson, Washington; secretary-treasurer, J. W. Linn, Manhattan; legislative committee, Alva Sauder, Newton.

Advocates Debt Reduction

A reasonable, proportionate reduction of international debts was advocated by Dr. Sherwood Eddy, world secretary of the Y. M. C. A., in a talk before a special student assembly during Farm and Home week. Doctor Eddy made five addresses during his Manhattan visit. "Great Britain is hard hit and is paying half a million dollars a day on her reparation payments for the world war," he said. "Germany, still harder hit, is paying one and one-half millions a day, while America made money by the war."

KANSAS MUST STUDY ITS FOREST PROBLEMS

TREES PREVENT WASHING AND EROSION

Albert Dickens, State Forester, Sees Advantages and Uses of Farm Woodlots—Provide Firewood and Minimize Soil Wastage

The time has come when certain Kansas lands should be utilized for wood production, Prof. Albert Dickens, head of the college horticulture department, declares in a new state board of agriculture bulletin, "Trees in Kansas." A cleared slope may produce grain at a profit for a time, but as erosion cuts away the soil the crop returns less and less and the high cost of erosion is more evident.

"Finally the poor steep field is sold for taxes, and nobody wants it," Professor Dickens, who is state forester, continues. "The washing soil makes more culvert expense for the township. The heavy run off of water makes a higher bridge levy necessary for the county. Damage to a main highway cuts into the state road fund, the settling sediment makes higher levees necessary along the lower Mississippi and the engineers of the nation are worried with plans for flood control."

A CONSERVATION PROBLEM

"If the poor slope field is acquired by the town for a wood lot, a municipal forest, or a boy scout camp ground, it may be a generation before it will produce cords of wood, posts or poles. But if the forest can make it hold back the run off water and prevent further loss of soil it is playing a vital part in the cause of conservation."

"Kansans are coming to realize that it is good business to keep our land areas protected from washing. Forest tree planting is one of the effective measures for accomplishing this. Grass or trees on soils that if bare would make trouble for everybody when it rains is good business and sound economics."

Many urban communities need to plan for forest tree plantings to protect their water supply, according to the state forester. Streams which once produced fine fish are so muddy in wet seasons that fish cannot live in them. More trees along the banks and on the water washed areas above would improve these conditions materially.

WOODLAND INCREASING

"The natural increase of woodland is most gratifying," Professor Dickens reports. "In thousands of places the trees have triumphed over the grass and annual plant species, reached the level of the broad open lands and now wave a bough of challenge to the eternal prairie."

"This tree growth up the slope is more valuable for soil erosion prevention than for the timber it may produce. On such sites the product of tree species is worth more than the pasture. For the most part, the species which climb the hills are not our valuable lumber species. In some locations the red cedar predominates."

"Many of the hillside species make good firewood. One slope of the Kaw river bluffs in sight of Manhattan has been cut over twice in the past 35 years and has a third crop well on the way. These hillsides may be forested by the yellow oak (*Quercus muehlenbergii*), elm, locust, ash and mulberry, which all renew from coppice growth. They sprout with certainty and the occasional trees from seed serve to improve the stand."

PRODUCTION CUP AWARDED PERMANENTLY TO MYERS

Basehor Herd Had Won Trophy Three Years, Including 1928

The Kansas State Dairy association production cup was awarded permanently during Farm and Home week to Grover G. Meyers, Basehor, who had won it three times. The cup was awarded to Meyers this year

on a record made by Springrock Ona Posch, a senior four-year-old Holstein with a record of 18,545 pounds of milk and 608.09 pounds of fat in 365 days. The same cow won the cup for Meyers last year with a record of 607 pounds of fat.

The association cup had been won twice by George Young of Manhattan. An interesting fact pointed out by T. R. Warren of the college dairy department staff is that Fred Young had cared for the Young cows the two times they won the cup and he also had cared for Meyers' cows in each of the three years that the cup was awarded to them.

MONTGOMERY COUNTY WINS ATTENDANCE CUP

Cherokee Is Second and Ford Third—Number of Visitors Satisfactory, According to Williams

Montgomery county won the 1929 Farm and Home week attendance cup on a total mileage basis, it was announced at the annual banquet at the college cafeteria last Friday. Twenty-four Montgomery county people traveled 214 miles each for the total of 5,136 miles. Cherokee county was second with 15 persons traveling a total of 4,020 miles, and Ford county was third with 11 persons and a score of 3,093 miles.

Total attendance at the Farm and Home meetings was satisfactory and even better than was expected considering the disagreeable weather, according to L. C. Williams, extension specialist in charge of arrangements for the week. Approximately 600 registered for the Farm and Home week meetings and for the annual meeting of veterinarians held on the campus.

A conservative estimate of the number attending but not registering is 200, according to Mr. Williams. Thus, something like 800 persons came to the college especially to attend meetings of Farm and Home week.

CROP IMPROVEMENT GROUP APPROVES ATLAS SORGHUM

Recognizes Hays Golden Yellow Corn Also—Elected Hodgson President

The Kansas Crop Improvement association, in session at the college during Farm and Home week, voted to add to the list of field seeds eligible for certification the new Atlas sorghum improved at the Kansas agricultural experiment station. The association also agreed to the certification of Hays Golden Yellow corn, a variety improved at the Fort Hays branch station.

Officers chosen by the Crop Improvement association are Ed Hodgson, Blue River, president; Herman Praeger, Claffin, vice-president; Prof. E. B. Wells, K. S. A. C., secretary-treasurer; and Prof. S. C. Salmon, K. S. A. C., assistant secretary-treasurer.

OVER-PRODUCTION A FAULT OF KANSAS POULTRY MEN

State Lags in Select Egg Production Says Valentine

"Kansas is the greatest state in the union for poultry production," said Roy Valentine, owner of the Springdale Poultry Farm, Council Grove, in a Farm and Home Week talk.

"Kansas egg men are making the mistake of engaging in over-production," he said.

"The producers apparently are trying to realize great profits in a short period of time. A producer operating on a long time basis cannot allow over production. The vitality of the fowls and the percentage of select eggs both are lowered by over production. West coast producers are getting far in advance in output of select eggs, when they should not be an ounce of competition against Kansas."

ATCHISON MAN NAMED CORN KING OF KANSAS

JOE BROX COMBINES YIELD AND HIGH QUALITY

O. J. Olsen, Horton, Succeeds Himself as Champion Showman, Winning on Best 10 Ears of Blue Ribbon Yellow Corn

Outstanding corn producers of Kansas shared the Farm and Home week limelight at the college last week with wheat kings, apple kings, and other winners of agricultural honors. A state corn king, a state champion corn showman, and 21 new members for the 100 bushels per acre club were among those recognized at the annual Farm and Home week banquet Friday.

Joe Brox of Atchison was given the title of champion corn grower of Kansas. He produced 109.96 bushels per acre in a five acre corn contest in 1928, while only one grower had a greater yield—J. R. Moyer of Hiawatha. His average was 117.21 bushels, but the quality of his corn was not equal to Brox's. The yield counted 40 per cent, the quality of a two bushel sample, 40 per cent, and the quality of 10 ears shown in the blue ribbon corn show at the college counted 20 per cent. On this basis Brox won.

BROWN IS BANNER COUNTY

O. J. Olsen of Horton succeeded himself as the champion showman of the state by exhibiting in the blue ribbon contest the 10 best ears of corn.

Twenty farmers who finished the five acre corn contest in Brown county last year earned for their county a special \$300 prize for ranking highest in the state. Of the 20 who completed the contest, 12 produced more than 100 bushels per acre and the average yield of the entire 20 was more than 101 bushels.

The 21 new names added to the 100 bushel per acre list exactly doubled the membership in the group. In 1926 there were two 100 bushel growers. In 1927, 19 were officially added to the list. The new 100 bushel growers and their corn yields are:

HUNDRED BUSHEL CLUB

J. R. Moyer, Hiawatha, 117.21 bushels per acre; Joe Brox, Atchison, 109.96; Arthur Hylton, Council Grove, 109.39; Virgil P. Rush, Severeance, 109.29; R. M. McAtee, Hiawatha, 109.17; W. Knouse, Horton, 108.02; Russell Forbes, Wathena, 107.88; J. W. Spickelmier, Robinson, 107.27; Harlan Deaver, Sabetha, 107.08; Schumann Bros., Hiawatha, 106.80; O. J. Olsen, Horton, 105.24; Dan Knouse, Horton, 105.17; Lawrence Collins, Dwight, 104.88; William Rogers, Manhattan, 104.70; Hubert Casper, Junction City, 104.20; S. E. Feller, Hiawatha, 103.36; Schmidt Bros., Junction City, 103.20; H. Brockhoff, Fairview, 102.48; Earl Means, Everest, 102.41; O. F. Duesing, Morrill, 101.37; and J. H. Booth, Fairview, 100.62.

TEN EAR SAMPLE WINNERS

Winners in the blue ribbon corn show follow:

Best 10 ears yellow corn—first, O. J. Olsen, Horton; second, H. C. Olsen, Hiawatha; third, John Brox, Atchison; fourth, Henry Bunk, Everest; fifth, Joe Brox, Atchison; and sixth, H. T. Jacobsen, Horton.

Best 10 ears white corn—first, T. C. Dodd, Linn; second, Harold Staadt, Ottawa; third, Clark O. Work, Humboldt; fourth, H. C. Olsen, Hiawatha; and fifth, Arthur Hylton, Council Grove.

Best 10 ears other than white or yellow—first, Fred Laptad, Lawrence; and second, Max Laptad, Lawrence.

W. D. White Apple Champ

The title of apple champion of Kansas was awarded to W. D. White of Wathena at the closing Farm and Home banquet last week. Prof. R. J. Barnett introduced Mr. White to visitors.

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WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, FEBRUARY 13, 1929

GERMANY'S NEW SHIP

There have been a number of attempts among the powers, since the Washington conference, to agree on further limitation of naval armaments. None of them have been successful. We haven't been able to agree on allotment of tonnage for one thing.

Ton displacement is a unit of measuring the power of a war ship. The type and size of guns which can be used on a ship depends, or has depended, in general, on the size and weight of the ship.

But now Germany, limited by the treaty of Versailles, with necessity the mother of invention, has built a new "miracle ship." The new war vessel of only 10,000 tons is large and strong enough to carry guns formerly placed only on a much larger boat.

So while the rest of the war parties are still squabbling over limiting themselves as they limited Germany and promised her they would do themselves, she has grown skeptical and, tired of waiting, has hurled her handicap and shows signs of stepping into the race for armaments.

For a race of armaments it seems to be—with our navy appropriation bill about to pass, with Great Britain showing signs of dissatisfaction with equal parity status accepted at the Washington conference, with all of the other difficulties of getting together to curb ship building.

Increased competition from Germany does not simplify matters.

Moreover, Germany's new miracle ship leaves one with the futile feeling of what is the use of trying. Before we get around to agreeing on tonnage, tonnage no longer means anything.

The skeptic counts the years until the powers, all dressed up and no place to go, will start the next war to end war.

The optimist who believes history is a poor teacher supports the thesis that no nation that is prepared will ever be attacked.

A heretofore hopeful thought is the familiar copy book maxim, where there's a will there's a way. But with all nations out to further national ambitions the maxim becomes a paradox.

THE MAGNUS CARLSON HOMESTEAD

There is one picture with a house in it among the group of landscapes in the Sandzen exhibit in the library. It is a Kansas farmhouse. And it is all that many a modern ambitious Kansas farmer does not want his farm house to be.

In the first place it looks old. The clapboards are weathered by time. There hasn't been a coat of paint on them for years and years. How shiftless, yet how mellow the greyed wood.

There doesn't seem to be a decent foundation under the place. Maybe there's a musty little cellar that gets terribly cold in winter, but the house has sunk down into the soil until it looks a part of the land itself.

No neat, snappy little bungalow this. The pioneers who built the place brought their ideas of architectural style out from New England. The simple lines, such as one could

draw on a slate and call a house in the days when first graders used slates, are expressive of the reserve and simplicity of an older generation, but one which is still in our blood. There is satisfying proportion in the three dimensions.

The owner of this house would probably apologize to the visitor for this farm property. He may not have much prestige among his neighbors. The real estate men probably don't point to his acres as one of the prosperous farms in the community.

But this kind of a house is the only one the artist could find to paint. The only one he could call beautiful. Moulded into the soil and shrubbery, in perfect harmony with the landscape, its simple dignity expressive of the generations of homely folk who have lived within its ample walls, its rugged strength symbolized in its very name—the Magnus Carlson Homestead, this house is a home.

SANDZEN EXHIBIT

Sandzen is primarily a man's artist. Sandzen is as important a print maker as he is a painter in oils. Sandzen is changing his technique in water color and wood engraving. Sandzen's water colors are as colorful as his oils, but more "livable," more adaptable to the home, than the larger landscapes in oil. Sandzen's latest work is likely to be more popular at the same time that it sacrifices none of the artist's individuality and artistic standards.

These are some observations being made of the recent work by the Lindsborg artist, on display this week and next in the college library gallery, by those who are following his development with interest.

All of Birger Sandzen's work is full of strength, motion—powerful elemental nature. And it is controlled strength. Mastered power. Perhaps this is the reason he is a favorite with men.

This may also be the reason many women prefer his exquisitely delicate, though still forceful, etchings. It takes one's energy just to look at the tremendous, gnarled trees, victoriously resistant to the trunk-twisting winds that would tear them out of their rocky cliffs. Those looking for a picture to put in their living rooms may not feel that many of Sandzen's southwestern landscapes are sufficiently restful. But art can scarcely be accepted or rejected by the restful-living-room yardstick. Art by its very nature of interpretive expression is stimulating rather than lulling.

If one demands of a picture that it impart the joy of living, the gloriously scintillating water colors do that. They are very livable and lovable, now that the painter has turned from his short brush strokes to a softer, flat wash treatment. But the color harmonies are still breathlessly close and the close harmonies and rapid rhythm are still stimulating, pleasurable and invigoratingly so.

Visitors here from all over the state for Farm and Home week, the college students and residents of Manhattan have been in and out of the gallery all week. The fact that Sandzen is a Kansas artist, and perhaps, especially the fact that his technique is bold and daringly individual, has aroused considerable interest and discussion and a certain amount of spirited assertions of likes and dislikes.

Visitors who were fortunate enough to "drop in" when Prof. John E. Helm, Jr., was taking a class of students through, heard some of the explanations and interpretations which follow:

The dry point etching, the black and white prints made from zinc plates, seem to be general favorites. Sandzen has been etching for little more than a year, but with increasingly delightful results. Several 1929 editions are here and are rapidly being sold out, with the prospect of \$10 prices then leaping suddenly to \$50 and \$75. "Mountain Stream" and "Singing Pines" are late and popular. The former is especially fine in composition and line. The latter is a study in pine trees with a pleasing rhythm to the whole composition. "Silent Waters" is already sold out.

"Mesa Verde Cedars" is an unusual and fascinating composition. But

the "prize"—literally as well as figuratively—is the dry point, "Red Rock of Moab." It has recently been honored with a place in the National Graphic collection of France, Bibliothèque Nationale, Paris.

"The Arch" has the characteristic soft luminous black where the artist wants black, which puts his etchings in a class with his lithographs.

It is really as a lithographer that one must know Sandzen. It is as a lithographer that he is best known outside his native state. And it is as a lithographer that he seems most successful, as yet, in expressing himself.

Lithographs are not so familiar to many persons as are etchings. Or perhaps it is that the distinction between the two is not readily recognized. Since lithographs are cut from stone the lines are, in general, more blunt and often broader, than those in etchings which are cut with a fine pointed instrument from zinc.

the suggestions will not work out for various local reasons but are basically sound in theory. Allen bases his opinions on 10 years of practical experience and college and university study.

There are two parts. Part I, editorial; part II, administration.

For the editor who wants to see himself analyzed, "Country Journalism" will serve the purpose. It contains little about himself that he doesn't already know, but much about himself that he doesn't appreciate. For the layman, the volume will help him appreciate the problems of country newspaper making.

—F. E. Charles.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Sergeant Harold E. Rose, '15, was with the Eighty-ninth division in Germany.

Irl Fleming, '16, who had been

An Experiment in Student Government

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The problems of student government, like the problems of government in general, are never solved. The fact that about 1,000 new students enter the college each year, and that virtually all these matriculants are immature, makes of student government an undertaking of great importance and intense interest. The exceedingly rapid changes in economic and social standards and practices intensify the difficulties involved. Theoretically, self government is desirable, but it is not always effective. In 1919 the Student Self-Governing association was organized at the college, and it has continued since that time. Its effectiveness has been variable. The association was recognized in 1926 when its responsibilities for student discipline were increased. Upon the whole the association has been useful, both in dealing with problems of student behavior and in impressing students with governmental phenomena and with some of the requirements for successful government. The plan is still on trial, as it probably always must be, as is true of all forms of government.

It is simply a different media for artistic expression. Some persons prefer etchings, some lithographs, and others wood cuts (engraved in wood), though most art lovers enjoy each medium for different reasons.

—L. H. N.

BOOKS

Spotlighting Country Journalism

"Country Journalism," by Charles Laurel Allen, M. A., instructor in Journalism, University of Illinois. Thomas Nelson and Sons, New York. \$3.75.

Some day someone will write a text that won't be textbookish. Charles Laurel Allen's book is commendable in many ways but bears all the earmarks that millions have found textbooks to bear.

Nevertheless, if it ever occurred to you why you are eager to read the old home town paper, a study of "Country Journalism" will help you understand why. It is because one is interested chiefly in oneself and reads the home town "Bugle" in which oneself is mirrored in friends, relatives, and former acquaintances.

In spite of its pedagogy the volume will adapt itself to its purpose in the classroom. For the editor it contains many practical hints for improving the country printing and publishing business. The experienced editor will see some redundancy because for every individual some of the ideas and suggestions will be impractical.

Common faults of news stories in country papers are clearly explained and remedies effectively suggested by genuine examples from the small town press. At the beginning country journalism is probably pictured too rosy. The average small city editor is not so much in love with being the big frog in the little puddle that he will not become a bigger frog in a bigger puddle if the opportunity presents itself.

Allen sees always the ideal newspaper arrangement. This is forgivable since one's best editorial efforts must be toward the ideal. Some of

overseas, received his discharge and returned to his home.

Edna Munger, '14, who was employed in the navy department at Washington, D. C., took a leave of absence to visit her parents on College hill, Manhattan.

TWENTY YEARS AGO

The college cadets in military order attended the Lincoln memorial exercises.

L. A. Fitz, '02, government expert in grain standard work, Fargo, N. D., visited the college.

THIRTY YEARS AGO

Percival J. Parrott of the college was made entomologist of the State Horticultural society.

The following was received from G. B. Ruth of Halstead, Kan.: "In contrasting our bulletins with those from Cornell and the United States department of agriculture I am so favorably impressed by the excellence of your station that I am proud to say that we farmers of Kansas need hardly go outside of our state for information on matters concerning the agriculturist."

FORTY YEARS AGO

The Rev. A. J. White, '74, was installed as pastor of the Christian church at Atchison.

Abbie Marlatt, '88, had charge of the cooking classes during Mrs. Kedzie's absence at a farmers' institute.

E. H. Kern, '84, wrote from Superior, Neb., that he was still engaged in surveying and engineering work, but had intended taking up architecture the following spring.

FIFTY YEARS AGO

Professor Van Deman delivered a lecture at the Marshall school, on Deep creek, on the subject, "How to Raise an Orchard."

The Rev. H. I. Coe presented the Alpha Beta society with 25 books, the property of his deceased son, who was an active member of the society.

WAITING BOTH

Thomas Hardy

A star looks down at me,
And says: "Here I and you
Stand, each in our degree:
What do you mean to do—
Mean to do?"

I say: "For all I know,
Wait, and let Time go by,
Till my change come."—"Just so,"
The star says: "So Mean I—
So mean I."

SUNFLOWERS

H. W. D.

WEATHER OR NOT

There's nothing that we fuss more about and pay less attention to than weather.

If it is below zero we go blithely on, and if it is above a hundred we go blithely on. We mention it—many times every hour, to be sure—but we are not interested in it.

The weather is close to us personally. Nobody is to blame for it. Nothing can be done about it. Our most sincere attempts to get angry about it are all in fun. Even the dumbest of our friends can reply in kind to our most inane remarks about it. It is an ideal topic of conversation for the genus homo.

Man, taken by and large, is not a brilliant conversationalist. Neither is his helpmate, woman. Both of them are more comfortable when their brains are quiescent. Sometimes they pick up a line of small talk that creates a fleeting impression that their mentalities may be in action, but one is never quite able to convince himself that it is so.

I have a notion, therefore and therefrom, that weather is bestowed upon us not to make us shiver or sweat, but to provide us with something to talk about while we are not thinking. Like wax records we recall the winter of 1884 when the thermometer slipped below zero on November 15 and did not climb above again until March 1. We remember when the river was frozen over solid from Christmas to Easter and the hot July and August of '79, when they cooked the Independence day "hot dogs" by laying them out in the sun.

And weather provides us with many things to say in lieu of "good morning" and "howdy." "Isn't it beastly?" and "What do you know about this?" and "Did you ever see the like?" and hundreds of other original quips would never have blessed us had it not been for weather.

But the weather's biggest service to man and woman lies in its proneness to act as an alibi for sour dispositions. Let there be a run of six or seven sunless days and one feels perfectly safe in calling his wife or her husband almost anything that has the boldness to pop into one's mind. Remarking afterward that the weather is doubtless responsible for one's depression is as easy as falling off a log and hitting the water. And getting even before the sun has come out is not much harder.

One needs something to blame for the ugly turns in his disposition. The weather, having been on the job since the oldest liar in town can remember, takes such blame and never turns a word. Maybe the weather is guilty and feels that the blame is justly fixed. Perhaps man is a mere resultant of clouds and sun and moonlight and breezes and mercury readings. Perhaps not. Whatever the case, many a cat has been kicked clear across the room to the French doors because the sun has forgotten how to shine, and many a husband has been jawed into insensibility because the snow has not been removed from the front walk.

The weather is good for five or six hundred words any old day, especially if there is nothing to say. A fellow who can't stretch the weather to the bottom of a column—

Well, you're it—what do you think about him?

For words are wise men's counters—they do but reckon by them; but they are the money of fools.

—Thomas Hobbes.

CLASS OF '22 WILL SPEND \$400 ON ART FOR LIBRARY

**BALLOTS CAST BY 110 IN POLL ON DISPOSAL OF LEFTOVER FUNDS
—“VOTERS” CONTRIBUTE NEWS OF PRESENT WHERE-
ABOUTS AND ACTIVITIES**

Original paintings or statuary for the new college library will be bought with the fund of \$400 on deposit in a Manhattan bank to the credit of the class of '22, it was decided by a poll of the class, in which 110 votes were cast. The poll was conducted by mail, under direction of the alumni office. Ballots were sent to all members of the class.

The proposal to buy paintings or statuary for the library received 47 votes. Second in popularity was the proposition of establishing the money as a unit within the alumni loan fund, with 38 votes. Eleven voted for donation to the stadium fund, and a like number for the establishment of a special book collection, within the new library. Three votes were cast for other projects.

In accordance with the result of the poll, Earl Means has appointed a committee consisting of H. Leigh Baker, chairman, and Harold Howe, to consult with President Farrell regarding the memorial to be left by the class.

In connection with the poll, the following items concerning members of the class were contributed:

N. A. Anderson, 620 Lincoln, Lincoln, Ill. "I might say that I have been in Lincoln college as head of the department of agriculture and biology since 1924. Was married to May Hunter, '22, in June, 1926. We have one child, a girl, born last September 4, named Mary Helen. Every-one is getting along just fine and we enjoy our work and this part of the country."

H. Leigh Baker, 621 Humboldt, Manhattan. Principal of Manhattan senior high school since 1925. "Received M. A. degree from University of Chicago, 1928. Family—one daughter, Marjorie Lee, aged 14 months."

BARGER AT STANFORD

J. Wheeler Barger, M. S., '23, "Was president of class during junior year. Now doing part time instruction and studying for a Ph. D. in social science at Stanford university. After graduation went to Montana State college where I remained until this fall, serving first as instructor then assistant professor in charge of public speaking. Later associate professor of economics and sociology." Box 1052, Palo Alto, Cal.

J. E. Berger, 600 East Third, Cherryvale, is too modest to give any news of himself.

Eva (Platt) Brown, Fostoria. "I am teacher of home economics in the Fostoria high school and Mr. Brown is high school principal."

O. K. Brubaker, 1126 Dorsey Place, Plainfield, N. J. Employed as equipment engineer of the Western Electric company at their new plant in Kearny, N. J.

George H. Bush, 3530 South Anthony, Fort Wayne, Ind. "Am teaching physics and manual training besides coaching basketball in Leo high school at Leo, Ind. Leo is a township high school, 13 miles from Fort Wayne. I live here and drive back and forth."

O. P. Butler, Farmington. "Farming and running a country elevator at Farmington. Still unmarried."

Vida (Ayers) Case, Auburn. "Taught domestic science and art for three years after graduation. Married S. U. Case, '23, instructor in vocational agriculture. My present occupation is homemaker."

Edith (Miller) Casford, 1014 Klein St., Oklahoma City, Okla. Too busy to make remarks about herself.

R. L. Chapman, Schenectady, N. Y. "Am in the railway locomotive design department of the General Electric company as head of the proposition section. G. E. is now employing approximately 20,000 men and conditions in general are better than they have been in several years."

Roy E. Clegg, Burlington. "Teaching vocational agriculture in the Burlington high school. Am married

and have a baby girl, 3 years old."

R. E. Cleland, St. Francis. "I am spending my sixth year as teacher of vocational agriculture in St. Francis high school. Am married and have two future Aggie halfbacks."

E. H. Coles, Garden City. "I doubt if I know anything of interest to my classmates. I have been working for the U. S. department of agriculture since graduation and have found no sure way to produce large crops without rain in southwestern Kansas."

Clara L. Cramsey, 1220 S. Boulder, Tulsa, Okla. "Teaching nutrition in Central high school, Tulsa. Taught last summer in Oklahoma A. & M. college. Received M. S. from Iowa State college."

Oscar Cullen, Lebanon. "Have been teaching in the Wetmore rural high school the past six years but have changed occupations and am going on a farm next spring."

FINDS RANCHING FUN

Jessie (Adee) Dayhoff, Rock Springs, Mont. "Worked four years as home demonstration agent in Rosebud county, Mont. Then took a partnership in a grain and stock ranch at Rock Springs. Trying out my own medicine is lots of fun. Find lots of good material for stories and photographs in Montana."

Mary (Vaile) Dubbs, Beeler. "We have spent the years since '22 in Ness county engaged in school work. My husband, L. A. Dubbs, '17, was was superintendent at Arnold for four years. We began our work in Beeler the first year we were married and then went to Arnold, both teaching. Then we returned to Beeler. This is our third year here this stay. We have two girls, Clara Louis, aged 5, and Florence May, 3."

Lester A. Dumond, Goodwell, Okla. "Proprietor of the College Inn, a student supply store and hangout. Pan-handle A. & M. college is located here."

A. C. De Puy, 318 South Fourth street, Pekin, Ill., assistant chief engineer, Super Power company of Illinois. "Pay day twice a month, still single, no kids, have been sober since leaving Chicago in January, play golf fluently, and bawl worse. Work fine. Came during construction and got some first hand on construction, organizing, starting and station operating."

Roy F. Eckart, 720 North First, Raton, N. M. Forgot to list his accomplishments.

ELLIOT IN CLEVELAND

John B. Elliot, 3814 Prospect, Cleveland, Ohio, teaches music in West Commerce high school, Cleveland.

Arnold J. Englund, Columbus. "Taught first six years at Coats high school and was principal the last four. Am now vocational agriculture instructor at Columbus high school. This is my first year here."

Clara B. Evans, 2825 South Hope street, Los Angeles, Cal. "Student dietitian in the Methodist hospital, Los Angeles."

Ethel Feese, 506 West Eighth street, Junction City. "I have been teaching botany in the Junction City senior high school since 1922. This is a very pleasant community to live in."

O. F. Fisher, Wichita. Too busy or modest to tell about himself.

A. H. Ford, Downers Grove, Ill. "Am working as district engineer of the Burlington district of the Western United Gas and Electric company. The general office of the company is at Aurora, Ill."

R. L. Foster, 1706 Missouri Pacific Building, St. Louis, Mo. "Besides myself as assistant to director, other K. S. A. C. alumni in the department of agricultural development of the Missouri Pacific are P. H. Wheeler, '16, colonization agent, and Glen Wallace, '16, farm marketing agent. Recently I met Ross J. Silkett, '22, who is in the agricultural department of the Wabash railroad, headquarters St. Louis."

Eva (Travis) Frank, Fort De Russy, Hawaii.

Duella (Mall) Frey, 1857 East Eighty-second street, Cleveland, Ohio. Mr. and Mrs. C. G. Frey and daughter Dorothy moved from Washington, D. C. to Cleveland, Ohio, this past October, where Mr. Frey has accepted a position with the patent law firm of Haul, Brock and West.

Earl F. Graves, Box G, Juneau, Alaska. "I am territorial veterinarian for Alaska. My work takes me all over Alaska where I act in an advisory capacity to the fox ranchers of the territory."

E. M. Gard, Minneapolis. "I have been teaching science in the Minneapolis high school for the last five years. I am married and have two children, a boy, 5, and a girl, 2, both future Aggie students we hope. We often tune in KSAC which we consider a fine station, closely following all athletic events."

D. M. Geeslin, Box 1226, Wichita. Neglected to mention accomplishments.

Esther (Waugh) Gillett, South Sudbury, Mass. "Married, three children and a husband in South Sudbury. Hoping to return for a class reunion some day."

J. M. Glendening, 1226 Farwell, Milwaukee, Wis. "Sales engineer for the General Electric company. Have a daughter 2 1/2 years old."

"KENTUCKIANS LOVELY"

Hazel L. Graves, 1801 Central, Ashland, Ky. "I am a home demonstration agent in Boyd county, Ky., with headquarters at Ashland. I find Kentuckians lovely people and enjoy my work."

Luke Guilfoyle, Wamego, won't talk about himself.

Charles F. Hadley, and Georgia (Cribfield) Hadley, 342 Lindenwood, Topeka, won't either.

Belle Hagans, Everest. "This is my fifth year in Everest where I teach mathematics and science in the high school. The first two years after leaving college I taught in the high school at Winchester."

Lois (Wilson) Headrick and H. B. Headrick, 6116 Gambleton Place, St. Louis, Mo. "Living at St. Louis. Three sons will be at K. S. A. C. in 1947 attending alma mater."

Grace Herr, Marble building, Fort Scott. "Since November 1, 1927, I have been engaged in home demonstration work in Bourbon county. I was in Pratt county in the same work the two years prior to these."

HERSHEY NONCOMMITTAL

P. J. Hershey, 4108 Parsons Blvd., Flushing, L. I. Won't commit himself.

H. G. Hockman, Hart, Mich., is too modest to tell of his achievements.

Ernest E. Hodgson, Ft. Bliss, Tex. A first lieutenant in the veterinary corps. "Ordered to sail for duty in Hawaii, March 30, 1929."

C. C. Holmes and Bee (Wilson) Holmes, Goff, are too busy to write of their accomplishments.

C. W. Howard, Holcomb. "Married 10 days after graduation. I have two of the liveliest and noisiest boys in Kansas, I think. Have been in public school work continuously since graduation. One year in Manhattan, four years as superintendent at Winona consolidated school, where I was instrumental in building a \$115,000 school plant. Last two years superintendent at Holcomb."

Harold Howe, 1204 Fremont, Manhattan. "Now assistant professor of agricultural economics at K. S. A. C. in charge of work in land economics and taxation. Received M. S. degree from University of Maryland in 1923 and did graduate work toward Ph. D. degree at Wisconsin in 1924-25. Since 1925 at K. S. A. C."

Lucile (Whan) Howells, 1731 Buchanan, Topeka. "At the present time assisting Miss Florence Heizer, department of dramatic art and literature, along with my housewifery duties and the raising of a young son, Frederick Whan Howells, who is practicing to be an Aggie football star. Also started my master's degree in education working on a problem in child psychology in absentia. Try to give my husband three square meals a day."

E. E. Huff, 509 N. Ninth street, Ponca City, Okla. "Am teaching vocational agriculture in Ponca City for

second year. Had boy win honor of Junior Master Farmer of America at the American Royal at Kansas City during the first meeting of the Future Farmers of America. I have a son named Edward Eugene, 9 months old."

Florence (Johnson) Hughes, 3525 Mitchell avenue, St. Joseph, Mo. "My husband and I saw the homecoming game and through his position on the Gazette here in St. Joe were fortunate enough to receive invitations to the Kansas Superior Editors' banquet. Both events were enjoyed even though the Aggies lost."

THREE NEBRASKA VETS

E. J. Jelden, Box 64, Columbus, Neb. "Just moved from Lawrence, Kan., where I attended K. U. the last three years, to Columbus, Neb., the place of my birth. I am conducting a general veterinary practice. There are three Aggie vets in Platte county, Neb. They are J. W. Ritter, '20, of Creston; O. E. Walgren, '26, Platte Center, and myself at Columbus."

Hortense (Caton) Jennings, 508 Maple Blvd., Kansas City, Mo. "Am living in Kansas City and will be here until June 1, when my husband graduates from the College of Osteopathy and Surgery. Have a daughter, Hortense, age 19 months. I do not know where we will be living next year."

R. S. Jennings, 966 Denver street, Salt Lake City, Utah. "Have been with Utah Power and Light since graduation. In charge of telephone and transmission lines for the company. Approximately 3,500 miles total. Was married in 1927 to Lareda Newlin, University of Utah, '24."

Anna (Best) Joder, Peru, Neb. "Was married August 18, 1927, to Glen H. Joder."

Tracy E. Johntz, 7522 North Seeley avenue, Chicago. Too modest to make comments.

Ruth (Peck) Knostman, Wamego. "Any one who cared for a house and two small children will appreciate my job. I am sure it furnishes as much variety, as many problems, and as much satisfaction as any job under the sun."

LAINE AT DETROIT

M. D. Laine, 10-240 General Motors building, Detroit, Mich. "Married and have two children. Connected with the Curtis Publishing company, Detroit office, as advertising representative."

W. F. Law, Council Grove. "Advertising manager of Council Grove Republican. Married and have one daughter, Miss Suzanne."

Aubrey N. Lee, University of Wyoming, Laramie, Wyo. "Just attended meeting of National Research Workers in animal disease conference, and also United States Livestock Sanitation association at Chicago. Had a dinner reunion of K. S. A. C. graduates in attendance at meeting."

Eva Leland, 1120 South Emporia, Wichita. "Teaching foods at Wichita high school. Just now am recuperating from an operation."

LUND A TEXAN

N. D. Lund, 2047 Thirteenth street, Port Arthur, Tex. "Have been doing civil engineering work in the following states since graduating: Kansas, Illinois, Indiana, Oregon, Washington, Idaho, Montana, North Dakota, Florida, New York, and Texas. I married three years ago in Florida. For the past two years I have been doing general drafting and designing at the Texas company's large refinery here at Port Arthur."

Hazel A. Lyness, Coffeyville. Supervisor of home economics in the Coffeyville schools.

Margaret (Dubbs) McMillin, Lamar, Col. Fails to mention any of her recent accomplishments.

Esther McStay, Yreka, Cal. "I am teaching here again this year. For pastime I am studying Italian and shorthand. I enjoyed a visit to K. S. A. C. in August though I saw only a few old freinds."

HERE'S A CHALLENGE

P. M. McKown, 149 Rockford avenue, Forest Park, Ill. Employed as supervisor in cost reduction engineering of telephone equipment at Western Electric company, Chicago. "The E. E. group of the class of 1922 claim the distinction of having successfully kept in touch with each other through the means of a yearly class letter. Each member sends his

letter to the E. E. class president, M. C. Watkins, 5008 Winchester avenue, Chicago, who has copies made and distributed. Although our members are scattered from New York to California, we maintain 100 per cent, our class association. We challenge all other divisions or classes to show a better record of continuing class fellowship."

J. A. McKitterick, Greenwood, Mo. Won't commit himself.

Thornton J. Manry, 5805 Cherry street, Kansas City, Mo. Ditto.

Jean (Moore) Martin, 909 East Fifteenth, Winfield. Also silent.

Rolland S. Mather, 611 1/2 South A street, Arkansas City. "Chief chemist, Kansas Mill and Elevator company."

Albert V. Mead, 709 Franklin, Olympia, Wash., neglected to mention high points in his career.

FARMING ISN'T BAD

Earl Means, Everest. "Been married two or three years. Have a very fine son named Thomas. He eats everything from paper to pins. I've been farming ever since 1922 in the same spot. We raise babies, pups, lambs, calves, colts, pigs and chickens. No Goats. Very little hell. No divorces. No promotions."

Mabel (Worster) Mickey, 611 North Spruce, Wichita. No details.

Hattie (Schaumburg) Mitchell, Millbrook, N. Y. "Located at Millbrook, raising a family, teaching and completing thesis for M. S."

H. E. Moody, R. 27, Topeka. Too modest to report.

Ruth (Floyd) Mordy, Conway Springs. "I am finding life as a minister's wife quite busy, especially as I have a small son who will be two in January. We are building a new church which we hope will be completed in the spring. Son is strong for the Aggies, his favorite call being 'Let's go, Aggies'."

Clinton H. Morgan, Ottawa. No details.

D. D. Murphy, Chanute. "Hi Earl. How's things? Been quite a spell since we took Bugs together. Am coaching here in high school. Would like to hear from you."

Harold Nay, Wichita. "Have been with Kansas Gas and Electric doing power sales engineering work. Like work and company fine. Wichita, the air capital, best place to live in U. S."

R. L. Palmer, Jewell. Wouldn't give details.

John T. Pearson, 3825 East Fifty-third street, Kansas City, Kan. No further information.

Paul J. Phillips, Box 395, Seminole, Okla. Too modest.

Jean (Hanna) Ptacek, Emporia. "We have a new daughter, born October 18, named Jean Alice."

QUINN LIKES MISSOURI

J. T. Quinn, Columbia, Mo. "I have been a member of the horticultural department here at Missouri university since November 1, 1922. Missouri is a great state and Missouri university is a great institution. I am still an Aggie but I am enough of a Missourian to get a real thrill from seeing the Tigers run rings around the Jayhawkers."

O. B. Reed, 4175 Eaton, Kansas City, Kan. "Completed work for M. S. degree 1928. Resigned principalship at Mound City to head the science department in the Rosedale high where I am now."

L. E. Rossel, 5434 Ruskin, St. Louis, Mo. "Had the pleasure of meeting Professor Kloeffer and the E. E. class of '29 on their annual inspection trip to St. Louis."

Walter J. Rogers, Box 1663, Pampa, Tex. Manager of the Dilley bakeries of Herington, Kan., Borger, Tex., and Pampa, Tex.

T. Rochrock, Springdale, Ark. "Married and have two boys. My wife is an Arkansas razorback. Am making a bold attempt to grow apples and grapes in the Ozarks of Arkansas. Am sending check for dues."

Ruth (Rathbone) Sallee, Marion. "My husband and I are still among the howling farmers, but are having a grand time in spite of the ups and downs of farm life."

Henry W. Schmitz, 930 Kearney, Manhattan. "Teaching vocational

(Concluded on Page 4)

MISSOURI RALLY WINS FROM AGGIES, 35 TO 25

OKLAHOMA AGGIES NEXT WILDCAT BASKETBALL TEAM FOES

Score Tied With Tigers First Half, but Visitors 'Get Hot' Despite Zero Temperature Outside, and Finish Ahead

Though the temperature outside was decidedly below zero, Missouri university's basketball team became very, very warm in the first few minutes of the second half of their game with the Kansas Aggies at Manhattan last Friday night. Missouri won, 35 to 25, due largely to the manner in which Mr. Welch and Mr. Craig dropped the ball through the ring in those few minutes.

During the entire first half the game had been evenly matched, with the score tied three times and the lead changing six times. As the half ended Missouri was ahead, Richardson was fouled when the gun went off, and tied the score at 15 all with a free throw after both teams had left the floor.

Missouri attained an 11 point lead in the first five minutes of the second half, and held the Aggies even after that, stalling in the last few minutes. Weller scored three baskets from a guard position.

The Aggies play the Oklahoma Aggies tonight on Nichols gymnasium court, and Iowa State here, Saturday night.

ASK COOPERATION FOR FARMERS' PROTECTION

State Farm Bureau Head, Master of State Grange, and President Farrel in Farm and Home Talks

A plea for cooperation among farmers for the betterment of farm conditions was made by Ralph Snyder, president of the state farm bureau, to a Farm and Home week audience last Wednesday night. Other speakers were President F. D. Farrel of the college and C. O. Cogswell, master of the state grange.

"Cooperative marketing has standardized the price and makes a distinction in grain causing farmers to raise a higher quality of grain," Mr. Snyder said. "The defect in cooperative marketing is that the ones who have been loyal in paying and working for it have received no reward, while the ones on the outside have reaped the reward."

A hope that the state legislature will work out a bill which will form a structure for some sound plan of making each unit of production bear its fair share, where there is over production, was expressed by Mr. Snyder.

Belief that the Kansas tradition of personal freedom is disadvantageously manifest in the tendency of its farm people not to cooperate for the common good, was expressed by President Farrel.

"Kansas agriculture never has gotten what it deserves because the farmers have not cooperated," he said. "If the Farmers decided they wanted things better, and if they cooperated, things would be better," he said. The present attempt to bring about a unity of farmers was characterized as "to me the more hopeful way for the progress of agriculture."

"The east has no idea of conditions in the agricultural sections of the west," said Mr. Cogswell. "We must realize the importance of agriculture and just what agriculture has a chance to do through organization."

"It is true that there is some organization among the farmers, yet no more than one-fourth, possibly only one-fifth, of the farmers of Kansas are members of any farm organizations."

COX, YEAGER, CHILEN, AND MERIDETH ARE CHAMPIONS

Place Highest in Four Divisions of Animal Showing

Winners in the animal husbandry department fitting and showing contest sponsored during Farm and Home week were M. L. Cox, Goodrich, first on cattle; J. J. Yeager, Bazaar, first on sheep; P. R. Chilen, Miltonvale, first on hogs; and R. B. Merideth, first on horses.

Prof. H. J. Gramlich of the University of Nebraska judged the contest.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., 51; Aggies, 36.
Jan. 24—Nebraska U., 21; Aggies, 30.
Feb. 2—Kansas U., 31; Aggies, 24.
Feb. 9—Missouri, 35; Aggies, 25.
Feb. 13—Okla. A. & M., Manhattan.
Feb. 16—Iowa State, Manhattan.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

RECENT HAPPENINGS ON THE HILL

Prof. and Mrs. J. V. Cortelyou, with their three daughters, will make a three months tour of Europe next summer.

Miss Ethel Arnold, associate professor in the art department, is on leave of absence to study at Stanford university.

From 1,200 to 1,400 persons were served daily in the college cafeteria during Farm and Home week, according to the report of Miss Bessie B. West, director.

Dr. Margaret Justin, dean of the division of home economics, has returned from Houston, Tex., where she spoke at the 25 year jubilee of the southern extension workers.

Officers were elected as follows by Sigma Delta Chi, honorary professional journalistic fraternity, last week: Solon Kimball, Manhattan, president; Harry Dole, Almena, vice-president; John C. Watson, Frankfort, secretary; E. C. Richardson, Coffeyville, treasurer; Harold Taylor, Clay Center, Quill correspondent.

Dorothy Johnson, Lyons, was elected president of Van Zile hall for the second semester. Other officers elected were: Lenore Reder, Blue Rapids, vice-president; Rebecca Dubbs, Ransom, secretary; Dorothy Cummings, social chairman; Ruth Silkenson, Dell Rapids, S. D., athletic chairman; Helen Wilmore, Halstead, senior house council representative; Myrtle Horne, Alma, junior representative; Opal Porter, Stafford, sophomore, representative; Marion Greene, Lincoln, freshman representative.

PROGRESS OF KANSAS PRESS

F. E. C.

Personals in the Garnett Review are headed "Little Local Lines."

The Goff Advance has moved into a building of its own this month. Needless to say, Editor Ray T. Ingalls has been working overtime.

Under a single column box heading the Ellis County News at Hays runs "News of Western Kansas, Gleaned from Our Exchanges." The items are single paragraphs, each with a news wallop in it. Proper credit is given.

It is a privilege to read many fine tributes to the late Senator "Jack" Harrison of the Beloit Gazette in last week's papers—especially those of northwest Kansas. Those editorials of praise for the well known Beloit editor must be a spur to every newspaper worker. Surely when an editor earns such eulogies from friend and foe alike, it can be said of him, "Well done, good and faithful servant."

With half a dozen original editorials, a few clipped paragraphs, and his column "RANDOM SHOTS—from Our Editorial Air Rifle," Editor Chas. L. Bigler of the Goodland News-Republic gets an editorial page that rivals the news pages for interest and gives the paper individuality. Samples from his column:

Seems fitting, doesn't it, that the world's fastest woman typist should be named Wright. She can wright, allwright.

Max Schmeling is one of the new crop of heavyweight fighters, and when the fans holler "rotten" you'll know what they're schmeling.

Now that they spell it "theatre" and "shoppe," why not "farmre," and "moppe?"

If bandits were to rob your local bank for the first time in history and

LIFE MEMBERSHIP ROLL INCREASES IN JANUARY

LOAN FUND GROWING BUT STILL IS INADEQUATE

Seventeen Graduates Either Pay or Pledge \$50 to Alumni Association in Drive During Month of January

Seventeen K. S. A. C. alumni completed payment on their life membership pledges or pledged to a life membership in their annual association during January. As a result of this steadily increasing life membership roll the alumni loan fund is growing, but it is still inadequate to care for the needs of worthy and ambitious students who need short time loans. New members follow:

Ruth Bowman, '28, Woodston; R. W. McBurney, '27, Beloit; Mildred Loveless Skinner, '28, Marion; Alice Miller, '27, San Juan, Porto Rico; Charles Stratton, '26, K. S. A. C.; Elfrieda Hemker, '23, Ellinwood; Mary Worcester, '24, K. S. A. C.; Marcia (Story) Throckmorton, '12, Manhattan; G. W. Givin, '25, Manhattan; Louis P. Brous, '26, Kansas City; Lester B. Pollom, '13, Topeka; Emil E. Larson, '29, Agenda; G. J. Caspar, '29, Alida; T. F. Guthrie, '29, Saffordville; L. W. Koehler, '29, Manhattan; Leslie W. Wolfe, '29, Johnson; J. F. Smerchek, '29, Cleburne.

JOHN WILSON IS WINNER OF SHOWMANSHIP TITLE

Dick Stumbo, 1928 Champion, Manages Fitting-Showing Contest

John Wilson of Iola won the grand championship in the dairy fitting and showing contest at the college last week. He had fitted for showing a Jersey cow from the college herd, Manora's Winnie, winning first place in the class for Jersey cows in addition to the grand championship.

Vernon Glassburn, Freeport, won the reserve championship with an Ayrshire heifer, Spinney's Phoebe, which also won him first place in the Ayrshire heifer class. Other champions were: Holstein, Raymond Hoglund, McPherson, and Guernsey, Walter Guerkink, Baldwin, Wis.

Dick Stumbo, Iola, last year's champion showman, managed the show.

Urges Systematic Program

Need of a systematic, result bringing program for Kansas poultrymen was stressed by Prof. H. A. Bittenbender in a Farm and Home week lecture. "Demands of the consumer for a better chicken and a better egg are increasing," he said. "The public demands the large, white egg. Often a good egg is mistaken for a bad egg because the color is different from the rest. Standardization is the only way to meet the demand."

CLASS OF '22

(Concluded from page 3)

agriculture in Manhattan high school. "Completed work for M. S. degree in August, 1928."

Elizabeth (Dickens) Shaffer, 102 Columbia, Albuquerque, N. M. "Have been living for the past five years in Albuquerque, where my husband, Edward Shaffer, f. s., '19, '21, Northwestern, '23, is editor of the New Mexico State Tribune. We have one child, Edward Dickens, age three. I fill in my spare moments by acting as correspondent for a west coast and an east coast newspaper and contributing occasional articles to magazines ranging in scope from Modern Priscilla to Haldeman-Julius Monthly."

M. A. Smith, Box 531, Station A, Champaign, Ill. "Doing research work on sulphur as a fungicide for Koppen company of Pittsburgh, Pa. Work being done with Crop Protection Institute and University of Illinois."

Carol (Knostrman) Smith, 408 Michigan, Pullman, Wash. No data.

E. F. Stalcup, 133 President avenue, Rutledge, Pa. "Married in 1923. In sales department Westinghouse Electric and Manufacturing company, South Philadelphia works. Have one boy 18 months old. Am chairman of Philadelphia alumni association."

George E. Starkey, Centerville. "High school principal Centerville rural high school."

J. Scott Stewart, Coldwater. "I am engaged in farming and live stock production 18 miles southwest of Coldwater."

H. C. Sturgeon, Princeton. "Retta Lambe, Greeley, and I were married October 8, 1924. We have a daughter, Yvonne, who was born April 8, 1926, and who is much better looking than either her dad or mother. We are living on a 160 acre farm near Princeton, doing general farming and have high grade Jersey cows and Duroc Jersey hogs."

Earl E. Thomas, 1275 1/2 Queen Ann road, Los Angeles, Cal. "With the General Electric in Los Angeles handling sales to certain lines of customers."

William T. Turnbull, Council Grove. "Teaching mathematics in the Council Grove high school. I have been in this place seven years."

Sue Unruh, 821 Tauromee avenue, Kansas City, Kan. "I am director of girls' physical education in the Northwest junior high, Kansas City, Kan."

John W. Van Vliet, Holton. No information about his achievements.

W. Wallace Weaver, Logan Hall, University of Pennsylvania, Philadelphia. "More and more Aggies come to Philadelphia. We have quite a good group now."

A. D. Weber, University of Nebraska, Lincoln. "Manager of Cameston Farm, Lenexa, 1922-23. Instructor K. S. A. C. 1923-1926. M. S., '26. Assistant professor animal husbandry, Nebraska university, since then."

Katherine (Kimmel) Westbrook, 714 North Prairie, Bloomington, Ill. Failed to mention accomplishments.

L. F. Whearty, Westmoreland. "County engineer, Pottawatomie county."

C. M. Willhoite, Carrolton, Ill. Too modest or too busy to tell about himself.

Murray A. Wilson, Pratt. "Chief engineer, Forestry, Fish and Game commission of Kansas. In charge of plans and construction in connection with state parks established by this department."

Robert Wolnick, Blair. Forgot to list his achievements.

ALLEN COUNTY WINS LIME-LEGUME PRIZE

SECOND AWARD GOES TO JOHNSON COUNTY FARM BUREAU

Roy E. Gwin, Allen County, First in Publicity Contest—Competition Sponsored by Kansas City, Mo., Chamber of Commerce

Roy E. Gwin, county agent of Allen county, won first prize in the lime and legume publicity contest, the results of which were announced during Farm and Home week. A cash prize of \$50 was awarded Gwin for having had published the most lime and legume literature.

C. A. Jones, Johnson county agent, was second and won \$25. E. A. Clevenger, Coffey county, won third prize, \$15, and W. J. Daly, Linn county, won fourth prize, \$10.

A special \$500 cash prize in a lime and legume contest sponsored by the college, the Kansas City, Mo., chamber of commerce and other agencies was awarded to the Allen county farm bureau. Second prize of \$250 went to the Johnson county farm bureau, and third prize of \$150 to the Franklin county farm bureau. A dozen Kansas counties used enough limestone and grew enough legumes to qualify for the contest and several of them which were runners-up in the contest will receive a 40 ton car of agricultural limestone to be distributed within each county.

Under the rules of the contest awards were made to only those counties which had used 300 tons or more of limestone during the 18 months covered by the contest.

ALUMNI LUNCHEON DRAWS 102 AGGIES

Grads Discuss Problems of Association at Gathering During Farm and Home Week

A group of 102 Aggies attended the alumni luncheon in Thompson hall on Thursday, February 7, during Farm and Home week. Among the distant visitors were Gabriel Grosfield, f. s., Duchess, Alberta, Canada, and Karl B. Musser, '12, and Madge (Rowley) Musser, '13, of Peterboro, N. H.

Ralph Snyder, president of the alumni association, acted as toastmaster. Kenney Ford, alumni secretary, gave a discussion of alumni facts which was followed by an interesting talk by Earl Means, '22, of Everest, who related the history of the alumni organization and its work for the college. Means recalled the days before a strong organization was founded and the fight of the early alumni organization to prevent the threatened removal of the engineering school from K. S. A. C. He also spoke highly of the services rendered to Kansas farmer alumni by the college.

Mike Ahearn in his talk on the relations of the alumni organization to athletics stressed the fact that we have the best possible relations at K. S. A. C.

President Farrel concluded the program with a short address in which he noted the progress of the association and complimented the class of '22, on their recent decision to use a bank balance of \$400 to buy paintings for the new college library.

K. S. A. C. Faculty Itinerary

Local alumni associations always appreciate a representative from K. S. A. C. at their various meetings. By knowing faculty travel schedules in advance various local alumni groups may well arrange meetings at a time that a faculty member is to be in their community. Local alumni officers should make definite arrangements for faculty speakers through the K. S. A. C. alumni office or by writing to the faculty member. Note the following travel schedules:

Dean Mary P. Van Zile—Cleveland, Ohio, February 20-24, attending national conference of deans of women.

Dean E. L. Holton—Cleveland, Ohio, February 23-28, attending Society of Teachers of Education meetings.

Prof. H. W. Davis—Chanute, February 15, at teachers association meeting. Dr. Howard T. Hill—St. Louis, Mo., March 21, attending Missouri Valley oratorical and extempore speech contest; Milwaukee, Wis., June 23-27, attending Kiwanis International convention; Ithaca, N. Y., August 19-24, attending National convocation of Acadia; Hot Springs, Ark., October 14-16, attending Missouri-Kansas-Arkansas district Kiwanis convention.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, February 20, 1929

Number 19

COLLEGE GLEE CLUBS GIVE CHAPEL PROGRAM

GROUPS COMBINE FOR PRESENTATION OF FINAL NUMBER

Women Directed by Prof. Edwin Sayre,
Men by Prof. William Lindquist—
Assembly Under Music Department Auspices

The combined glee clubs of the college were presented Tuesday in a program at student assembly, by the department of music. Each group gave several numbers, and the program was closed with a number by the clubs.

The women's glee club was directed by Prof. Edwin Sayre, with Dorothy Lampton as accompanist. The men's club was directed by Prof. William Lindquist, with Charles Stratton as accompanist.

WOMEN'S GLEE CLUB

First sopranos—Marguerite Chaffin, Calderwood; Helen Durham, Pauline Samuel, Marie Samuel, and Josephine Fisk, all of Manhattan; Florence Dudley, Clay Center; Adeline Harper, Emporia; Mary Thurow, Moscow; Gladys Mortenson, Everest; Mary Isball, Bennington; Evelyn Torrence, Independence.

Second sopranos—Gretchen O'Connor, St. John; Edythe Huitt, Abilene; Elma Andrick, Wheaton; Janice Fisher, Beverly; Lillian Paustian, Clay Center; Ruth Boyce, Neosho Falls; Laura Hart, Overbrook; Virginia Maupin, Iola; Maxine Cole, Norton; Aileen Hull, Ellis.

First altos—Oma Bishop, Abilene; Helen Randall, Ashland; Ruth Turner, Manhattan; Katherine Harding, Riley; Emily Seaburg, Cleburne; Neva Hammer, Ellsworth; Frances Maxwell, Manhattan; Frances Curtis, Kansas City, Mo.; Agnes McClaren, Galena.

Second altos—Gladys Schmedemann, Lucille Correll, Alice Irwin, Helen Cortelyou, Helen Rust, Electra Hull, all of Manhattan; Gertrude Sheetz, Admire; Juanita Walker, Valley Falls.

MEN'S GLEE CLUB

First tenors—H. W. Dudley, Manhattan; A. H. Hemker, Great Bend; Hugh Jones, Horton; C. F. Monteith, Hoxie; F. G. Powell, Frankfort; Pierce Powers, Junction City; C. E. Reeder, Troy; E. J. Ruisinger, Kansas City.

Second tenors—J. H. Barnard, Oil Hill; E. D. Benne, Washington; Willard Hemker, Great Bend; J. G. Hilyard, Severy; G. R. Kent, Wakefield; W. V. Redding, Coffeyville; E. H. Regnier, Spearville; Robert Russell, Manhattan.

First basses—A. N. Breneman, Parsons; F. H. Clark, Florence; Howard Fry, Hope; M. M. Ginter, Manhattan; R. E. James, Wetmore; Clair Jordan, Jewell City; G. E. Toburen, Cleburne.

Second basses—W. J. Braun, Council Grove; G. B. Gibson, Douglass; R. K. Hoefener, Leavenworth; S. V. Lyons, Lucas; J. W. Myser, Americus; R. L. Peters, Leavenworth; and Homer Yoder, Manhattan.

REFRIGERATION SCHOOL AT COLLEGE FEB. 18-22

Seventeen Persons From Four States Register for Course

A course in household refrigeration is being conducted from February 18 to 22 by the division of home economics, in cooperation with the National Association of Ice Industries.

Seventeen persons, from Iowa, Texas, Ohio, and Kansas, have registered for the course. They represent the home service departments of ice companies, and are here to study the science of refrigeration.

Miss Margaret Kingsley, assistant director of the Household Refrigeration Bureau for the association of ice industries, is in charge of the demonstration lectures.

Dr. Margaret M. Justin, dean of the home economics division, talked at the Tuesday morning session on "Home Economics in Home Service Work." Prof. Martha Kramer, Prof. Margaret Chaney, Prof. Martha Pittman, and Prof. Myrtle Gusselman of the home economics division are also on the program.

Prof. E. V. Floyd, of the physics department, and Prof. A. C. Fay of the department of bacteriology, will talk during the week.

Ice schools will be conducted at Columbia university, Ohio State, and the University of Georgia.

Jessie Hoover Visits College

Miss Jessie Hoover, '05, director of home economics with Montgomery Ward and company, has returned

to Chicago after conferring with the members of the home economics and extension faculty here. Miss Hoover was formerly a member of the teaching staff of K. S. A. C.

Miss Hoover cooperates with extension departments of agricultural colleges in their clothing and food work. She was responsible for bringing the Montgomery Ward fellowship to this college. Before going to her present position Miss Hoover was milk utilization specialist with the United States department of agriculture.

ANNOUNCE NEW CADET OFFICER SELECTIONS

R. O. T. C. Unit Gets New Lieutenant-Colonel, Major, and Three Captains, Effective February 16

Names of new officers and non-commissioned officers in the Reserve Officers' Training Corps of the college were announced last week by Colonel James M. Petty, to be effective February 16.

A. E. Dring, Pawnee Rock, has been promoted to lieutenant-colonel, and E. G. Downie, Hutchinson, to be major. Three captaincies were announced, as follows: J. C. Marshall, Manhattan; J. S. Rhodes, Tampa; A. V. Roberts, Vernon.

New first lieutenants are: A. O. Flinner, Manhattan; J. E. Erwin, Le Roy; M. B. Pearson, Manhattan. Second lieutenants appointed are J. M. Pincomb, Overland Park; C. C. Eustace, Manhattan; R. A. St. John, Manhattan.

The following men were appointed corporals:

Infantry—A. D. Buckmaster, Manhattan; C. McIlvain, Smith Center; C. W. Koster, Manhattan; H. T. Thaller, Manhattan; B. R. Taylor, Alma; M. O. Castle, Mayetta; J. E. McBurney, Manhattan; Frank Edlin, Herington; M. V. Chase, Manhattan; H. L. Fry, Hope. E. E. Fancher, Manhattan; E. A. Templeton, Burns; C. M. Dunn, Oskaloosa; C. H. Lantz, Manhattan; M. J. Babb, Lebanon; G. I. Blair, Junction City; C. R. Collins, Wellsville; L. A. Drake, Natoma; R. B. Fry, Eureka; H. R. Hiett, Haven; C. A. Hollingsworth, Perry; L. A. Horwege, Belleville; C. G. Myers, Salina; R. R. Rhodes, Council Grove.

R. C. Rogler, Manhattan; E. R. Temple, Marysville; P. G. Westerman, Waterville; S. E. Alsop, Wakefield; W. W. Babbitt, Hiawatha; R. W. Bebermeyer, Abilene.

Artillery—R. F. Alexander, Mayfield; L. N. Allison, Falls City, Neb.; B. W. Barber, Alton; A. M. Breneman, Parsons; L. Burghart, Chanute; W. E. Chalmers, Burlingame; E. S. Cooke, Emporia; K. D. Cornell, Kansas City; K. M. Fones, Kansas City, Mo.; L. Gemmell, Manhattan; V. E. Harvey, Selma; G. W. King, Manhattan; H. H. Kirby, Toronto; R. L. Peters, Leavenworth; E. L. Ross, Ashland; R. N. Selby, Manhattan; C. F. Thudim, Mulvane; A. B. Walsh, Osage City; K. L. Winston, Stilwell; C. C. Parrish, Manhattan.

INCREASING TURKEY MARKET SEEN BY PROFESSOR SCOTT

Confinement of Young Suggested to Reduce Mortality

Probability of an increasing market for turkey as compared with dressed roasting chicken was discussed by Prof. H. M. Scott of the department of poultry husbandry, in a lecture, "Talking Turkey." The wider market is made possible by the fact that turkey can be produced and sold at about the same price that chicken is now sold, Professor Scott said.

Confining of turkeys until 10 weeks old, in the interest of sanitation and proper care, was urged as a means of reducing the mortality rate.

DEAN HOLTON TO ATTEND ANNUAL EDUCATORS' MEET

Is President of Association Convening in Cleveland

Dean Edwin L. Holton, head of the department of education at the college and dean of summer school, goes tomorrow to Cleveland, Ohio, for the annual meeting of the Association of Departments of Education in state universities and land grant colleges.

Dean Holton is president of the association. W. E. Sealock, dean of the college of education, University of Nebraska, is secretary.

STATION AND FLOWER GROWERS COOPERATE

WORK TOGETHER ON GLADIOLI, DAHLIAS, AND PEONIES

Commercial Firms Provide 350 Varieties for Experiments—Professor Balch to Study Adaptability, Disease Resistance, Other Qualities

As an aid to the home gardener and the commercial flower grower, the Kansas agricultural experiment station will begin this spring a series of varietal tests on gladioli, dahlias, and peonies. The experimental work has been made possible through the cooperation of several commercial growers.

The Topeka Gladioli Gardens will furnish gladioli for numerous tests, the Frank Payne Dahlia Gardens of Shawnee will furnish dahlia tubers, and the peonies will be provided by the Kansas City Nursery of Kansas City.

Between 100 and 150 varieties of each of the three flowers will be planted and studied concerning their general adaptability to Kansas environment, their hardiness, keeping qualities, decorative value, and their resistance to disease and insects.

Fertilizer tests will be run also under the supervision of Prof. Walter B. Balch of the college horticultural department. His plan is to devote a quarter acre of land to the project with an increase next year in both acreage and the number of varieties used.

STATION WORKERS HERE FOR ANNUAL SPRING MEETING

Research Men Compare Notes On Work Yesterday and Today

Branch agricultural experiment station workers were in conference on the Kansas State Agricultural college campus yesterday and today—their fifth annual spring meeting here at the call of Dean L. E. Call, director of the experiment station.

Exchange of ideas related to experimental work and an understanding of each other's program of work resulted from the annual two day meeting. Out of the state persons who addressed the station men are R. E. Dickson, superintendent of the Spur, Tex., station; and Dr. A. G. McCall, bureau of soils, United States department of agriculture.

A Trio of Tree Authorities

Three Aggie alumni recently have made important contributions to the fruit and tree culture of the country. Prof. Fred C. Sears, '92, head of the department of pomology, Massachusetts Agricultural college, is author of a practical handbook entitled "Fruit Growing Projects."

John M. Scott, '03, of Florida is author of a bulletin "Growing Citrus Fruits in Florida" while his brother Charles A. Scott, '01, and Dr. F. C. Gates, K. S. A. C. are joint authors of the bulletin "Trees in Kansas." Charles A. Scott is owner of the Kansas nurseries at Manhattan and manager of the Prairie Gardens company, Inc., at McPherson.

K. S. A. C. Faculty Itinerary

Local K. S. A. C. alumni groups in Chicago and Urbana, Ill., and East Lansing, Mich., or St. Louis, Mo., may be interested in knowing the travel schedules of faculty members who will visit their cities soon.

Their schedule follows: Prof. G. A. Dean—East Lansing, February 28 to March 2; Urbana, March 3 and 4; St. Louis, March 5. Dean J. T. Willard—Chicago, March 12 to 15; headquarters at Stevens hotel.

Ice Cream Her Subject

"Flavor and texture are the important essentials of good ice cream," said Miss Meta H. Given, director of the home economics department of the Evaporated Milk association, in a Farm and Home week lecture.

German Student Enrolls

George Plange of Hamburg, Germany, enrolled at K. S. A. C. this semester, as a special student in the milling department. Plange is the son of a family of millers said to rank at the top in the milling industry in Germany. He is a graduate lawyer and attended the University of Cologne.

Sire, Half the Herd

"An approved sire is half the dairy herd," said F. E. Atkeson, of the dairy department, University of Idaho, in a Farm and Home week address at the college. Mr. Atkeson advocates the forming of associations of three or more breeders within a community, who combine their capital to obtain an approved sire.

NEEDS OF K. S. A. C. STUDIED BY SENATORS

Consider Inadequacy of Agricultural Engineering Buildings, Dairy Barn, and Practice Houses

Members of the senate ways and means committee of the Kansas legislature came to the college yesterday to consider needs of the institution. They investigated especially the need of an agricultural engineering building, a new dairy barn, and two home economics practice houses. They studied Calvin hall, the engineering building, the greenhouses, Waters hall, and the farm machinery hall.

Those composing the committee were Senator D. W. Knapp, Montgomery county, chairman; Senator W. L. Smyth, Barton; Senator E. L. Barrier, Greenwood; Senator W. S. Arbuthnot, Ottawa; Senator Leroy Bradford, Wilson; Senator H. K. Lindsley, Sedgwick; and Senator G. G. Immell, Wallace.

Senators who are not members of the committee but who accompanied the group were Henry Rogler, Chase, and A. K. Barnes, Wabaunsee. Representative Hal E. Harlan of Riley county was with the senators.

CANADIAN STRING QUARTET AT COLLEGE FEBRUARY 23

Hart House Group to Appear Under A. A. U. W. Auspices

The Hart House string quartet, originally established and endowed as part of the extension work of the University of Toronto, will entertain at the college auditorium the night of February 23. The program will be under auspices of the Manhattan concert management and the local chapter of the American Association of University Women.

The quartet was organized in 1924 by the Massey foundation. It was the ambition of Vincent Massey, chairman of the foundation and at present Canadian ambassador to Washington, to build up a quartet that would take its place among the world's great chamber music organizations.

Headquarters for the quartet are at Hart House, a building erected at Toronto university as a war memorial.

'SKY ONLY EGG PRODUCTION LIMIT,' SAYS DOCTOR WARREN

Urges Use of Trap Nests or Frequent Flock Culling

"The sky is the limit in egg production," said Dr. D. C. Warren, of the college, in a Farm and Home week talk on "Breeding for Increased Egg Production."

"I would not be surprised to hear of a hen laying 365 eggs in 365 days," he said. Use of the trap nest was recommended as the best method for selecting breeding stock, with culling of the flock at least six times a year as the alternative, in case the trap nest is impracticable.

Martin to Missouri

W. R. Martin, jr., '16, extension horticulturist at the college for the past six years, has resigned to take a similar position with Missouri university.

SCIENTISTS REPORT ON HEMOGLOBIN BUILDING

FIND COPPER AND MANGANESE VALUABLE SUPPLEMENT

Professors Cave, Titus, and Hughes of Kansas Station Present Research Conclusions in December Journal of Biological Chemistry

The importance of copper, manganese, and iron as a factor in hemoglobin building in the animal body is the basis of a recent leaflet reprinted by the Kansas agricultural experiment station from the December, 1928, number of the Journal of Biological Chemistry.

The authors of the report are Prof. H. W. Cave, dairy husbandry; Prof. R. W. Titus, chemistry department; Prof. J. S. Hughes, chemistry, all of the college staff; and H. L. Keil, former graduate student, who cooperated in the experimental study.

CORRECTION TO ANEMIA

Previous reports by Professors Titus and Cave had shown that manganese is effective in hemoglobin building in the nutritional type of anemia when the rabbit was used as the experimental animal. Others had presented data to the effect that copper is a factor in the building of hemoglobin when the rat was used as the experimental animal, and previous to that it had been shown that high purity iron salts when fed at .5 mg. levels to rats were ineffective in correcting a nutritional type of anemia brought about by feeding a diet of cow's whole milk.

Summarizing the detailed study with rats, the Kansas experimenters concluded that:

THE CONCLUSIONS

Manganese added to a milk-iron diet seems to give almost, if not quite, as good results in the building of hemoglobin as does copper added in the same way.

Manganese and copper added to a milk-iron diet appears to produce a quicker response from the standpoint of hemoglobin building than does either copper or manganese when fed alone as a supplement.

Experimental data presented seem to indicate the existence of a group of substances, rather than a single substance, which is active in hemoglobin building.

'KEEP ALERT AND ALIVE FOR MENTAL HEALTH,' SAYS DEAN

Dr. R. A. Schwegler Stresses Need of Early Training

Keeping alert, alive, and in contact with people and everyday occurrences is the way to keep fit mentally, according to Dr. Raymond A. Schwegler, dean of the school of education at the University of Kansas, who lectured before Farm and Home week visitors.

Importance of early training for the child was emphasized as being the foundation for mental fitness as an adult.

"A child should be taught that the humps and knocks he gets are his own fault, and could have been avoided by looking ahead," Dean Schwegler said. "With this training he will grow to be a self confident and clear thinking individual. On the other hand, a child humored into thinking he is always right and the outside force is at fault, will develop into a narrow minded person who thinks the whole world is against him."

"This attitude causes him to become an introvert, and live within himself, apart from outside contact. Such a condition prevalent in adolescence will be apt to lead to an unbalanced mind."

Willard to Address Chemists

"The History of Chemistry at K. S. A. C." will be the subject of a talk by Dean J. T. Willard, before the Kansas State Agricultural college section of the American chemical society, in C 26 Monday, February 25. The meeting is called for 7:45 o'clock.

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WANGER, R. I. THACKREY.....Assoc. Editors
KENNEY FORD.....Alumni Editor
J. D. WALTERS.....Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, FEBRUARY 20, 1929

HOME PROBLEMS STILL

The "master home makers" of 1929 won their laurels under difficulties and obstacles which many young women starting home making today are not required to meet.

They mastered home making of yesterday. Home making today is another thing.

Heavy manual labor has been almost abolished from housework by modern conveniences. Lonely isolation is a thing of the past, thanks to good roads and automobiles.

Is home making today, then, a snap? The young woman's problems are less of the house, perhaps, but still of the home. How to adjust to an abrupt change from life on a college campus to life on a farm. Whether to give up a remunerative job to raise a family on the first salary of a young man. The old problems of home making have new problems like these for the modern young woman.

The master home maker of tomorrow will deserve her title, too.

THE ESSENCE OF DICKENS

If, after rereading all of Dickens, we were to try to forget the details of this enormous mass of people and scenes, and to isolate the two or three essential impressions which dominate the rest and, so to speak, create atmosphere, I think, for my part, I should keep above all certain scenes from the Christmas books. For me, the universe of Dickens has in its foreground the streets of a city on a Christmas morning. Turkeys, sausages, pies, puddings, punch, mistletoe, holly; honesty, goodness, poverty (but poverty resigned and quietly happy), childishness (but a charming and friendly childishness); hearts of polished gold (a little too brilliant to be human hearts, but polished with an infinity of love)—these are the essential elements in the formation of the Dickens atmosphere. A harmonious society of kindly people, desirous only of doing things together and of doing them as fast as possible, in a comfortable atmosphere, and accompanied by jokes and smiles—that is the ideal of Dickens, which he applied to all classes of society. * * *

To reread all of Dickens is, for the Frenchman of 1927, a strange and, at times, a difficult enterprise. He finds such a mixture of puerility and genius, of genuine emotion and sentimentality, that he frequently halts, irritated and on edge. But let us recognize that it is not the best side of our nature which thus denies Dickens. It is our pride. It is the delicious and dangerous habit we have acquired from living in a country, where, for three centuries, social life has taught us the art of saying things rapidly, with grace and propriety. This is as it should be. Taste is an exquisite quality, provided it does not destroy the very material which it should adorn.

But, when we want to renew contact with the great, simple, human emotions, let us not hesitate to open Dickens. Mr. Pickwick is still young and vigorous. And if Santa Claus is not dead, neither is Dickens. Each, no doubt, will live as long as the other. Dickens, exponent of the

Christian civilization of the west in all its gentleness, perfect mirror of those two qualities—kindness and energy—the union of which is responsible for all the originality of the occident, will long remain the beloved companion of all those who love that civilization.

—Andre Maurois in Forum.

SEVENTY-ONE YEARS OLD

The early settlers at Manhattan were determined to found a college as their new home. This determination was carried out in the establishment under the auspices of the Methodist Episcopal church, of Bluemont Central college, which was chartered February 9, 1858.

The charter authorized the college to establish in addition to the literary departments of arts and sciences, an agricultural department, with separate professors, to test soils, experiment in the raising of crops, cultivation of trees . . . upon a farm set apart for the purpose. The foundation for agricultural education and research in Kansas was thus laid four years before the passage of the Morrill act, which gave to each state in the union a grant from the public school lands for the endowment, support and maintenance of at least one college where the leading object was to be the teaching of agriculture.

The cornerstone of the new college was laid May 10, 1859, and the institution was opened for students about one year later. When the national endowment became available Bluemont college with its land, library, and other property was offered to the state on condition that it should be made the state agricultural college. The offer was accepted and the state thus gained a very valuable nucleus for future growth.

The institution in its new status opened September 2, 1863, only 14 months after the passage of the Morrill act. At first it was only Bluemont college rechristened and nation endowed, retaining President Denison and part of the old faculty.

Congress voted to each state, accepting the terms of the grant under the Morrill act, 30,000 acres of land for each member of the house and senate to which the state was entitled. Kansas having two senators and one representative at that time received 90,000 acres. While this seemed a splendid endowment, and has since yielded about one-half million dollars, it was not money nor income, and the college under its new name was in as straitened circumstances as before. The trustees struggled for state recognition in order to obtain more funds but the legislature refused appropriations. It did vote money for running expenses as a loan, later voting the debt for agricultural purposes, which remitted the loan to the borrower.

The first step in fulfillment of the obligation exacted by the national government was taken in 1872 when \$15,000 was appropriated to help build a barn. —Milton Tabor in the Topeka Daily Capital.

THIS CIVILIZATION

Newspapers are "sensational," timid souls complain. But life is sensational, abnormalities of this civilization in instances exceeding common belief. You would not think it possible that adult persons in a populous eastern state would actually believe in witchcraft. You are dumbfounded that an American jury has condemned to life-imprisonment a moron boy of 14. It is incredible that a woman, mother of a family of children, could be sent to prison for life for illegal liquor selling. How shocking that a man of good family and of previous high position today lies rotting in prison, doing a life term for fourth conviction of forgery, always committed while he was drunk. You, being a normal person, would not expect to see a newspaper photograph of a premeditated murder, staged like a show. Consider the lynching of a negro by a mob of 2,500 by slow burning, as described by a newspaper man in these columns last week. What say you of a society which, with the consent of its legal system, deliberately singles out one class of law breakers for protection while giving immunity to another class of law breakers? The latter refers to the New York speakeasy underworld.

Each day brings out its quota of

unbelievable horror and absurdity. This constitutes painful reading for those protected or unsophisticated persons who can neither comprehend nor credit the facts. So they turn on the newspaper and charge that it, not the social system which it reflects, is "sensational." Intellectual honesty demands that the ugly truth be told. Exposure of civilization's faults leads to correction. It is our system. Nothing else is either wise or safe. —From Editor and Publisher.

GALLANT AMERICAN SEAMEN

The remarkable feat of the steamship America in picking up the sinking Italian steamer Florida, after receiving signals which placed her 150

it efficiently, victorious now in the fullness of its realization. —Andre Siegfried in the St. Louis Post-Dispatch.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Ethel Grimes, '13, of Greenwood, Mo., was visiting her brother, Prof. W. E. Grimes and family.

Henry B. Brown, '15, graduate in electrical engineering, was in the engineering department of the Western Electric company of New York.

Mrs. Mamie (Cunningham) Morton, '05, was residing near Palo Alto, Cal. Charlotte Morton, '08, was at San Jose where she was head of the

Road Materials Tested at Low Cost

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The road materials testing laboratory continued to test samples of material used or proposed for use in state and federal-aid road construction. This work helps to safeguard the state against the use of inferior materials and also makes it possible to use, with confidence, certain local sands, stones, and other materials and thus effect large savings in transportation expense. During the biennium the road materials testing laboratory tested 16,935 samples involved in 3,083 miles of road and 540 bridges. At the close of the biennium testing work was being done for 1,821 miles of road and 311 bridges in course of construction. The cost of this testing work, which is paid for by the agencies that finance road construction, was \$71,505 or about 0.2 of 1 per cent of the cost of construction. The usual cost of testing service in a number of other states is ¼ of 1 per cent of the total construction cost, or more than three times the cost in Kansas. The quantity of testing work done during the past biennium was more than double that during the previous biennium. The number of counties served was 99, as compared with 89 in the previous two-year period.

miles away from the place, where she actually was, is something much more than a triumph of the radio compass. It enabled Captain George Fried to prove, as he did before, when the President Roosevelt under his command rescued the crew of the Antiope, that there is nothing wrong with the spirit and fiber of the men who are manning our new merchant fleet. The names of the men who take their lives in their hands and enter the lifeboats are different from those that were written on the muster rolls of the beautiful old frigates of the War of 1812 and the Nanucket whalers, but the spirit of gallantry remains unchanged. Chief Officer Manning of the America is but the descendant of men who sailed around the world in cockle-shell Baltimore clippers, went into the harbor of Tripoli in the Intrepid and gave their lives, and of those who won for us in 1850 more than our share of the trade of the world because they carried sail longer than anybody else dared to risk it. Certainly every American can take pride in the stories of gallantry which keep coming from American flagships. —Lincoln Colcord in The Nation.

THE AMERICAN AGE

I sincerely believe that, thanks to them (the Americans), civilized humanity has entered, in a certain respect, upon a new age. In the future one will speak, perhaps, of the American age, as one says, in relation to certain epochs in the past, the stone age, or the bronze age. The American age will be that one in which humanity conceived production as a collective enterprise, in which, by means of a reasonable technique, each individual's effort is utilized in such a way as to give maximum production. Formidable possibilities for human well being are implied therein. However, it is necessary to make reservations since the result is not certain to be favorable to human happiness and the spiritual development of the individual. But, as a material civilization, there is no doubt that the United States now leads the world, and leads

THE FOG

Carl Sandburg

The fog comes on little cat feet.

It sits looking over harbor and city on silent haunches and then, moves on.

SUNFLOWERS

H. W. D.

WHAT TO TALK ABOUT

During the past few years I have grown concerned over what really should be talked about in polite society. Gradually I have become convinced that human beings achieve their highest satisfaction in discussing the shortcomings of those whom they envy and those who bore them.

Consequently I have assembled this little set of directions for polite conversation. This guide can be used in the office, at the club (male or female), over the card table, or in the home. It is safely conventional and not at all frank and honest, and will lead to nothing worse than an early intellectual senility, a benignant and soporific malady highly respected in all respectable circles.

These directions will also be found to fit into the needs of the thousands who have nothing to say and yet must talk. They will work particularly well in the small, ultra-congenial group in which prejudices and whims are freely interchanged and so well known as to be taken for granted.

Congenial groups, or cliques, or gangs, or whatever you wish to call them, should immediately upon forming make a list of people whom they do not like. It is not necessary that the list be extensive. But everybody in the organization should consider it his duty to begin to hear things about the Mr. A., the Mrs. B., or the Miss C., who is to be offered up.

It is advisable, though not essential, that the victim actually be a person of conspicuous faults and obvious weaknesses. He must have peculiarities that can easily be laughed at. If the victim is a woman, she must be slightly more beautiful than the most beautiful woman in the group and must have been complimented by a majority of the husbands.

After the victim has been duly and subtly chosen and the ball started rolling there is little to do but gab on. Any good story can be repeated after an interval of two days if proper embellishments are made. There is no required order in which shortcomings need be taken up.

With only a little practice the gang will soon feel wonderfully well satisfied with itself and everything. After a time two or three victims may be added, but the number should always be kept low for fear that in the rush some little fault of somebody may be overlooked.

There will of course be someone in the crowd who may finally grow weary and praise somebody for something. At first this can be smiled on indulgently, but it should not be permitted to take root. It is next to impossible to praise any individual not present without reflecting upon somebody present, either directly or by innuendo. The third offense for commendation outside the gang must be punished by stern rebuke and threat of excommunication.

If the general practice as outlined above is carefully followed, a good time can always be had by all and nobody need worry the least bit about hunting up anything worthwhile to talk about. Everybody will grow consistently in his own opinion and no one will ever suspect himself.

And best of all, the people talked about are never a whit the wiser nor the worse.

If we are not stupid or insincere when we say that the good or ill of man lies within his own will, and that all beside is nothing to us, why are we still troubled? —Epictetus.

domestic science department of the state normal school.

TWENTY YEARS AGO

L. A. Fritz, '02, expert in grain standardization for the United States department of agriculture, was stationed at Agricultural College, N. D.

Jessie L. Fritz, '04, was married to Martin L. Holcomb of Lawrence, Kan. The wedding took place at the home of the bride's mother near Vinland, Kan.

W. B. Thurston, '06, was employed as buttermaker for the Seneca Creamery and Cold Storage company, Seneca, and had just entered upon his work there.

THIRTY YEARS AGO

Miss Winston and Miss Howell spent their vacation in Chicago.

A meeting of the Riley County Teachers' association was held at Riley.

C. C. Jackson, a senior student, was elected instructor in physics at the National School of Agriculture at Doylestown, Pa.

FORTY YEARS AGO

Dudley Atkins, former student, was publisher of the Riley Times.

D. G. Fairchild, '88, was at New Brunswick, N. J., where he was studying botany with Dr. B. D. Halsted, who was professor of botany in Rutgers college.

Chaplain McCleary of the United States military prison at Leavenworth led the chapel exercises. He was accompanied to Manhattan by his family and Mrs. Alvard of West Point, and spent a few weeks with Lieutenant and Mrs. Morrison.

FIFTY YEARS AGO

John Drew was erecting a stable near the park which was to be very convenient for training trotters.

Darwin S. Leach, Noble A. Richardson, and Clarence E. Wood received grades of 99 or more in all their studies during January.

The Webster society converted itself into a senate. Darwin S. Leach was governor, C. M. Hulett, secretary of state, H. C. Rushmore, president of the senate, and J. N. Morrow, secretary.

AMONG THE ALUMNI

Avis (Blain) Willis, '19, is located at 150 La Verne street, Long Beach, Cal.

A. D. Edgar, '25, is assistant professor of agricultural engineering at the University of Idaho, Moscow.

Ruth (Henderson) Billingsley, '19, is now located at 554 South Twenty-sixth street, apartment 212, Omaha, Neb.

M. S. Cook, '23, is working for the Marland Refining company, Bartlesville, Okla. His address is 321 Cherokee.

H. G. Newton, '17, is employed as government meat inspector in Somerville, N. J. His address is 16 Union avenue.

Mary (Canfield) Johnson, '14, is teaching home economics in the East Grand Rapids high school in Grand Rapids, Mich.

Mary E. Hall, '04, is teaching foods at Roosevelt high school, Los Angeles, Cal. Her address is 500 South Westlake.

H. W. Bales, '09, is veterinarian for the Oswego county bovine tuberculosis eradication bureau with headquarters in Oswego, N. Y.

Clair A. Downing, '22, has returned from Cuba and is now employed by the Robert W. Hump company, 1403 Syndicate Trust building, St. Louis, Mo.

C. W. Eshbaugh, '25, is now located at 102 North Harrison, Mt. Pleasant, Iowa. He is engaged in engineering work for the Iowa state highway commission.

Edwin Barrett, '28, and W. R. Love, '29, graduates in chemical engineering, are working for the Proctor and Gamble Manufacturing company of Kansas City, Kan.

Loren L. Davis, '27, and Leota (Hansen) Davis, f. s., have gone to Aberdeen, Ida., to make their home. Mr. Davis is superintendent of cereal breeding at the government experiment station there.

K. H. Cook, '28, recently was transferred to the engineering department of the American Telephone and Telegraph company in New York City. Since his graduation he had been stationed in Kansas City.

Mary (Lowe) Barber, '26, spent last month visiting her parents in Manhattan. Her husband Galen Barber, f. s., is employed by the Illinois Bell Telephone company at Gary, Ind., where they make their home.

Hartzell "Ding" Burton, '25, was recently promoted to assistant sales manager of the Consolidated Cement corporation with offices in Kansas City. He has been serving the company as specialty man with headquarters in Manhattan.

Mame (Alexander) Boyd, '02, Phillipsburg, was honored during the recent Kansas day festivities at Topeka by being elected vice-president of the Women's Kansas Day club. She also was elected vice-president of the Kansas Women's Press club.

BIRTHS

T. H. Long, '27, and Hildred (Sproul) Long, f. s., announce the birth of a son, Herman Sproul, January 31. Mr. Long is with the Westinghouse Electric company, Pittsburgh, Pa.

John F. Huff, '28, and Emma (Schull) Huff, '27, announce the birth of a son January 16. They have named him John Felton, jr. Mr. and Mrs. Huff make their home in Kansas City.

MARRIAGES

TAYLOR—BACKMAN

The marriage of Merrill Taylor, f. s., to Edgar Backman, f. s., took place in Manhattan December 25. They are making their home at 529 Pierre, Manhattan.

APITZ—BOWER

The marriage of Gail Tatman Apitz, '14, to E. C. Bower of Cottonwood Falls took place January 27.

Mr. and Mrs. Bower will make their home in Cottonwood Falls.

LOGAN—CASSON

The marriage of Doris Logan, f. s., and C. J. Casson, Kansas university, took place in Eskridge January 23. Following a wedding trip to Chicago Mr. and Mrs. Casson will make their home in Topeka.

THOMPSON—KELLOGG

Mr. and Mrs. Alexander Hamilton Reid announce the marriage of their daughter, Janet Reid Thompson, to Royal Shaw Kellogg, M. S. '96, in Chicago February 8. Mr. and Mrs. Kellogg will be at home after March 1 at 31 Bayley avenue, Yonkers, N. Y., where Mr. Kellogg is secretary-treasurer of the news print service bureau.

DEATHS

BOND

George T. Bond, Topeka, last year a senior in civil engineering at K. S. A. C., was found dead in an abandoned incinerator near Fort Sam Houston, Tex., February 1. He had recently enlisted in the Army at Fort Bliss. Military authorities are investigating the cause of his death. Burial was at Topeka.

WHITAKER

James M. Whitaker, f. s., and later an instructor in agricultural engineering at K. S. A. C., and his 10 year old son were killed in Topeka when the truck in which they were riding was struck by a Santa Fe passenger train February 4. He had recently purchased a farm near Burlingame to which they were moving when struck. Mrs. Whitaker and four children survive.

BOOKS

How Yale Professors Make Ends Meet

"Incomes and Living Costs of a University Faculty." Edited by Yandell Henderson and Maurice R. David. Yale University Press, New Haven. \$2.

As investigations are always in order, there is now presented a study of the economic conditions existing among members of the faculty of Yale university. The book is a report made by a committee on the academic standard of living, appointed by the Yale university chapter of the American Association of University Professors. President Angell in the foreword of this work, published in December, points out the two questions demanding consideration:

What are conditions existing in faculty families dependent upon salary for total income?

"What economic and social standards should reasonably be expected in faculty families?"

Questionnaires were answered by a large and representative proportion of the Yale faculty. Using these answers, tables of various sorts were prepared presenting to the reader many interesting bits of information. One full professor possesses an auto-

mobile manufactured in 1916. Several cars of 1917 and 1918 belong to faculty members. And Yale boasts a professor whose supplementary earnings for one year are \$45,000 and another whose annual income from property holdings is greater than \$35,000.

These two cases of affluency are apparently the exception rather than the rule, most faculty members depending upon salary for the largest part of the income. Further investigation of the cost of living shows that only a small per cent of the faculty members receive a salary sufficient to give anything but the most meagre existence to the family if it contains children. The position of the faculty member subjects him to extra expenses and there is a constant strain to keep up appearances. His salary is not enough to insure for his children the type of education with which he is familiar and which he is himself helping to produce. All members of the family must practice rigid economy and there is constant anxiety regarding money matters.

For these reasons the faculty member endeavors to supplement his salary with outside earnings. His wife may help. Indeed one faculty wife earns \$4,000 a year. But extra remunerative work is not easy to secure and 32 per cent of the faculty reported no supplementary earnings. Other income assists in some cases, but only 8 per cent of the faculty reporting have made as much as \$4,000 per year from private property. In many ways the financial condition of the faculty families seems unsound, since 45 per cent were able to make no savings except insurance payments and 45 per cent expended all income and incurred deficits even with most painstaking attempts to make two ends meet.

In a college or university the personnel of the faculty is of first importance. No amount of superior organization and equipment can make up for a deficiency here. Yet a low level of salaries is almost sure to bring a low level of ability, unless the relation of wage level to quality of personnel which holds elsewhere does not apply to the calling of the scholar. It is true that some men will remain in the academic atmosphere at lesser salaries than they could command elsewhere. This may be due to the fact that a man is engrossed in research or in literary work and cares little for the advantages of a larger income. He may have money of his own or his habits may be frugal so that he may disregard the size of his salary. But can it be expected that the college should get better men than it pays for?

It does not seem consistent with American ideals to rely upon men of large private means to serve the public as instructors in our colleges and universities, almost gratis. Shall the faculties of our colleges, then, consist of persons of scant ability and little ambition who are con-

tent with small salaries, together with a few scholars and scientists so much interested in their work that they do not care for money?

The conclusions reached in the investigation are that better teaching and better research are a matter of personnel of high quality, to be retained only where there is economic security and freedom from financial anxiety. "To obtain men of ability the university must pay the price which ability now commands. The relation of wage level to quality of personnel, which holds in other callings, is equally effective for the profession of learning. The university will get the quality that it pays for." Otherwise, as Peixotto writes concerning a similar study made at the University of California, "it is to be feared that men of initiative will leave the classrooms of universities to classroom plodders."

—Martha Kramer.

ART

Attention was called to the remarkable indifference to art in America, by Murdock Pemberton, art critic of the New Yorker, speaking in the college auditorium February 8 on "Art—It Won't Bite You." Mr. Pemberton is a native Kansan, formerly a member of the staff of the Emporia Gazette. He is on lecture tour for the purpose of increasing public interest in art.

"The government doesn't know art exists, hasn't got a figure on it," he said. "We ought to have a bureau, as for agriculture. France has a secretary for art. But it's no use worrying about French art; France takes care of its own."

A significant comparison was then made between the individual American and the Frenchman. It was pointed out that the average American considers art a weakness, and in his home a single original painting usually does not exist; or, if it is an original, it is a "chromo" which cost about \$15, was not worth that in the beginning, and would not sell at all. The Frenchman, suspicious of banks, buys a picture as an investment, and it has happened that a Cezanne that was bought for \$24, brought \$80,000.

In accounting for a situation involving apparent lack of business sense in the people of the world's richest nation, Mr. Pemberton said:

"It is always comforting to fix the blame. I believe the Puritan is the chief offender, with his conviction that a thing that is beautiful is sinful! Then we have been a little afraid of art. People won't admit they know anything about art, but they do know; their automobiles, radios, and wallpaper were designed by artists. If a salesman tells a man a car was designed by an artist and has rhythm, the man runs for his life; but if the salesman says the car has 'streamlines' and is popular, the man buys it."

Bad teaching was said to be a contributing factor, too many teachers showing children a picture they do not like, telling them it is beautiful—and they ought to like it, and what they ought to like about it.

"Do your own thinking or you're not interested," said Mr. Pemberton. "It's more fun, even if you're wrong."

He continued by saying that the economic situation in this country, the constant moving of pioneers to new frontiers, has left art behind—that with "no repose, there is no calm, and not enough culture;" that art has been kept too much in galleries as a luxury for the few, that even the artists themselves have frequently assumed an aloof, even swaggering attitude, and have not made their work easily understood.

Mr. Pemberton concluded with the statement that indifference toward art in America is decreasing; that interior decorators working for beauty in the home and women's clubs working for civic beauty have done much to help.

"Art is making sure and practical inroads into business," he said. "It remains only to enlist the interest of the rich American art collector in order to overcome the popular prejudice against American made products, and to create a demand for the work of that individual generally regarded as most impractical of all art characters, the painter! Then American art will be bought by Americans."

—Maria Morris.

RECENT HAPPENINGS ON THE HILL

Mrs. Mary (Myers) Elliott has been chosen as an assistant in the department of public speaking, to serve during the absence of Prof. H. A. Shinn, who is taking work at Stanford university.

Officers of the intersociety council for the second semester were chosen as follows: Ed Barger, Topeka, Webster, secretary; W. J. Sweet, Wichita, Athenian, vice-president; Elna Andrick, Wheaton, Eurodelphian, secretary; Esther Jones, Frankfort, Ionian, treasurer.

Milton F. Allison of Great Bend was selected as editor of the 1930 Royal Purple in a hotly contested student election last week. John R. Coleman, Wichita, was elected business manager, and R. C. Riepe, Kansas City, treasurer. Coleman is a chemical engineer and Riepe and Allison are in the department of industrial journalism.

The 1200 members of the college cadet corps acted as a "nominating committee" last week to choose 10 candidates for positions as honorary officers of the regiment. Each cadet was allowed to suggest the names of four girls, and the 10 suggested the largest number of times will be candidates. A colonel and three majors will be selected.

ECONOMIC CHANGES BRING NEW FARM HOME PROBLEMS

Illinois Extension Worker Outlines Needs of Future

Recent changes in the agricultural economic situation have been reflected in new farm home problems, according to Mrs. Katherine V. A. Burns, state leader of Illinois home demonstration agents, who spoke before a Farm and Home week audience.

Talking on "The Rural Home in Changing Times," Mrs. Burns told what must be done if the home would keep pace. There must be enlarged opportunity for information on child welfare and on financial management of the home. Health standards, and standards of living in general, must be raised. Recreational advantages are very important, and the morale of the farmer is a necessary factor in successful adjustment to changing conditions.

The hopeful element in the situation, Mrs. Burns believes, is in women's efforts to meet the changing situation intelligently.

Miss Holroyd "Studies" Books

In a recent letter to friends at the college, Miss Ina Holroyd, '97, tells of interesting experiences at Columbia university where she is spending the year in study. To quote from her letter:

"I had a wonderful time last Thursday evening—Doctor Reeve took about twenty of us to spend the evening at Mr. Plimpton's. It was a rare treat—Mr. Plimpton is the controlling partner in Ginn and company and has for years been collecting books showing the progress in education—in fact in our civilization. He is said to have the finest library of the sort owned by any individual. He showed us beautiful old manuscripts on parchment and exquisitely illuminated—some of them over 1,500 years old. There was one in 640 A. D. and any number in the eleventh and twelfth centuries. Of several there are no other copies in the world outside the British museum. One was a copy of Boethius' arithmetic, one a book on philosophy owned by Erasmus. Also he has many rare oil paintings. One hanging over the fireplace was of Queen Elizabeth painted from life in 1579. There were portraits of Burns, Cowper, Goldsmith, Lord Byron, and Milton.

"David Eugene Smith was there and talked to us about the mathematics books. Many of these rare books Mr. Smith has collected in his travels for Mr. Plimpton. Doctor Reeve told me Mr. Smith is authorized to purchase anything he sees fit regardless of price, and many of the books have cost \$100,000."

New Farm Woman Plays Triple Role Master Homemaker Records Indicate

Just "keeping house" and "raising a family" of healthy, well educated American citizens are not the only responsibilities of outstanding Kansas homemakers today, an analysis of the five 1929 master homemakers shows. All of the women honored for their farm homemaking at the college recently are extending the ideals of their homes into the communities in which they live.

Each of them takes part in from five to eight organizations for the betterment of the community and these activities include everything from politics to literary clubs. The master homemakers lead 4-H club girls, work in the farm bureau, in the church, the Y. W. C. A., the Eastern Star, and the Red Cross. They are active in parent-teacher associations, civic clubs, and various social groups.

The 1929 group of master homemakers offers also a comparison between the pioneer homemaker and the younger woman who is just now starting her home. The older master homemakers won their titles by grim domination under almost pioneer farm conditions. They know what it is to do hard household labor

without modern conveniences, what it is to be isolated from neighbors and towns when the only means of travel or communication is by long overland trips by lumber wagon or horseback.

Among the new group of homemakers is a younger woman right in the midst of making her home under more modern conditions. She is a normal school graduate, and having acquired the habit of study, she continues it in her home, applying scientific educational methods to her own children as well as to younger people with whom she works in her community.

Summing up the records of the present group of ideal home builders it seems they have much to teach the young woman of today about combining a profession and homemaking. The young woman who begins now to build her home must follow three professions. She is first a homemaker, second an individual in the farm business and as such must swell the income by raising poultry and selling kitchen products, and lastly she must be a leader in a half dozen organizations for the good of her community.

WILDCAT THOUGHTS TURN TO BASEBALL

EIGHT VETERANS RETURNING FROM '28 CHAMPS

Indoor Practice Probably Will Start at
End of Basketball Season—First
Game With St. Marys
April 6

With the grip of below-zero weather partially released, Coach C. W. Corsaut is doing a little thinking about the Kansas Aggie baseball team for the coming season. The first baseball meeting of the year was held in Nichols gymnasium recently. Outside it was snowing and very, very chilly, but inside the talk was of base hits and throwing arms and of what material will be available at Oklahoma, Nebraska, Kansas, Missouri, and Ames this spring.

Eight lettermen are in school from the Aggie team that won the last baseball championship of the old Missouri Valley last spring. After a rather bad football and basketball season it is refreshing to see the eye of every Aggie light up when baseball is mentioned. Last spring Corsaut started with three or four regulars, some sophomores, and a lot of pessimism, and won the conference title. This spring he has eight veterans, more than the usual amount of sophomore material, and bright hopes.

THREE MOUNDMEN

Returning pitchers are A. H. "Big Hox" Freeman, football captain-elect, who stands six feet-four, weighs close to 200 pounds and has a lot of steam; T. E. "Lefty" Doyle, and Glenn Gilbert, Olathe.

In the infield letter men are Marion "Mickey" Evans of Gove, shortstop; L. M. Nash, Long Island, third base, and W. H. "Bill" Towler, of Topeka, who will be assigned to first or second base.

Outfielders returning are R. H. "Bob" McCollum, left field, and Kirk M. Ward, captain of the team and right fielder.

Three sophomores are prospects for catcher. They are William Meisinger, Abilene; Jerry Wilson, Ashland, and Bruce Markle, Chanute. Two sophomores are also expected to do regular duty on the pitching staff. They are Alex Nigro, Kansas City, Mo., and H. J. Barre, Tampa. Nigro probably will play in the outfield when not on the mound.

SOPHOMORE SECOND BASEMEN

Sophomore second basemen are Edgar Denny, McLouth; K. L. Knogle, and Wallace Forsberg, Lindsay.

Other infield candidates are J. E. Irwin, Le Roy, first baseman, and C. D. Richardson, Hugoton, shortstop. R. A. Bell, Beverly, a junior, is a promising outfield candidate.

Indoor practice probably will be started immediately after the close of the basketball season, March 5, though Corsaut will continue to devote part of his time to his freshman basketball material. The Aggies have a full Big Six schedule in addition to games with Wisconsin, Osaka Mainichi of Japan, and St. Mary's college.

MUGWUMPESS DISCUSSES POLICY OF MUGWUMPING

Good Background a Prerequisite, Says
Miss Ellet

One of Kansas' best known writers, Miss Marion Ellet of the "Mugwump" column of the Concordia Blade-Empire, talked at journalism lecture last Thursday on "The Policy of Mugwumping."

"The term 'mugwumping' originated when a part of the Republican party broke with the remainder, and became independent thinkers, or 'mugwumps,'" said Miss Ellet.

"Mugwumping involves conflict with the established order, which requires a tremendous amount of courage, wit, and honesty."

"The greatest compliment I ever received was from a man who said: 'I don't ever agree with a word you write, but I always read your column.'"

"Mugwumping in any field, whether it be politics, literature, music, or whatnot, requires first an adequate background of knowledge," said Miss Ellet. "If opinions are expressed honestly, naturally, and with good nature, no one will object, and the subscribers and advertisers will stay with the paper."

Second Place at Stake

Temporary possession of second place in Big Six wrestling circles will be decided at Manhattan Thursday night, when the Kansas Aggies meet Oklahoma university at Manhattan. Iowa State college is in first place, undefeated, while Oklahoma and the Kansas Aggies are tied for second with two victories and a defeat, each.

NEBRASKA TRACKMEN DEFEAT AGGIE TEAM

H. S. Miller Wins Mile and Two Mile,
Only Wildcat Firsts—
Score 71 2-3 to 18 1-3

The Kansas Aggie track team lost its first and only indoor dual meet of the season to Nebraska university at Lincoln last Saturday, 71 2-3 to 18 1-3. Nebraska took all three places in the 60 yard dash, low hurdles, high hurdles, and the quarter.

H. S. Miller of Kansas City turned in the best performance of the afternoon for either team when he won both the mile and two mile run. His firsts were the only ones taken by the Aggies.

The Wildcats were considerably handicapped by the lack of practice facilities, due to cold weather. Nichols gymnasium track has been filled with basketball seats most of the time, and the space under the east stadium is not heated.

The next meet will be the Big Six indoor, at Kansas City March 1.

The summary, exclusive of dashes and hurdles:

Mile run—Won by Miller, Aggies; second, Etherton, Nebraska; third, Wendt, Nebraska. Time 4:36.7.
Half mile run—Won by Janulewicz, Nebraska; second, Winburn, Aggies; third, True, Nebraska. Time 2:55.
Two mile run—Won by Miller, Aggies; second, Griffin, Nebraska; third, Batte, Nebraska. Time 10:42.
Mile relay—Won by Nebraska (Eller, R. Krause, Campbell, E. Wyatt); second, Aggies. Time 3:34.6.
Pole vault—Won by Witte, Nebraska; second, Ossan, Nebraska; tie for third, Coleman and Richwine, Aggies. Height 11 ft. 6 in.
Shot put—Won by Ashburn, Nebraska; second, Lyon, Kansas Aggies; third, Rowley, Nebraska. Distance 43 ft. 4 1/4 in.
High jump—Won by Benbrook, Nebraska; tie for second and third, Beyard and D. Krause, Nebraska, and Walker, Aggies. Height 5 ft. 10 in.

Woman Judge Shows Men

Winners of the stock judging contest conducted for Farm and Home week visitors by Prof. F. W. Bell and Prof. J. J. Moxley of the college staff last week were A. J. McCabe, Cottonwood Falls, first; F. A. Newby, Columbus, second; R. D. Wyckoff, Luray, third; Mrs. C. J. Allen, Liberty, fourth; and Roy Ellis, Coldwater, fifth. Ribbon awards were given.

PROGRESS OF KANSAS PRESS

F. E. C.

To enhance their value, want ads in the Pittsburg Headlight are turned into an "I See" column. Enough general copy is written there to get the reader started on the ads.

The Horton Headlight-Commercial prints a single column heading "Mainly About Women," under which appears Legion Auxiliary news, reports of club meetings, and a few locals of special interest to women.

A home town feature article appears frequently on page one of the Coldwater Talisman, putting the spotlight on persons of the community. A recent article concerning a farmer was titled: "The Horseless Farmer."

The Chanute Tribune recently came out with its Associated Press stories bearing a date line reading only "Kansas City (AP)." Their belief is that the date of the story is useless and besides taking up space, wastes the reader's time.

Several daily newspapers in the southeastern part of Kansas are supporting an advertising campaign for Southeastern Kansas, Inc., an organization of business and professional men who are endeavoring to bring more people and industries into that territory. Large advertisements, contributed by the papers, run each week, delivering a "message" to the readers.

What's in a name? The answer may lie in some of the "headings"

WILDCAT BASKETEERS LOSE TO AMES, 44-35

LAST HALF RALLY FALLS SHORT OF VICTORY

Nigro Mainstay of Aggies While Lande Leads Attack of Visitors—Four Games Remain on Schedule of Corsautmen

"If you want to see a team get hot, just let them play the Aggies."

That remark of Coach C. W. Corsaut's concerning his 1928-29 basketball team was never more fully exemplified than in the Ames game last Saturday night. Ames won, 44 to 35.

During the first half a smooth working piece of basketball machinery called Lande unconcernedly flipped successful shots from preposterous places. The half score was 21 to 10, and Nigro made eight of those 10 for the Aggies.

In the second half things were quite different. Nigro ran his total of baskets to five, and threw three more that didn't count because he was running with the ball. After he and Ludwig of Ames went out on personals, Kermit Silverwood came in for the Aggies and popped two from the center of the court. Captain Ed Skradski limbered up and made four baskets.

At one time the Aggies got within seven points of the Iowans, but Hitch and Taylor, heretofore scoreless, tossed in a basket apiece.

The Aggies have Oklahoma, Oklahoma Aggies, Nebraska, and Kansas left on the schedule. The Kansas game is the only one left for the home court.

The summary:

| Kansas Aggies (35) | G. | FT. | F. |
|--------------------|----|-----|----|
| Skradski, f, c | 4 | 0 | 2 |
| Russell, f | 1 | 0 | 0 |
| Nigro, f | 5 | 3 | 4 |
| Forsberg, f | 0 | 0 | 0 |
| Silverwood, f | 2 | 1 | 0 |
| Freeman, c | 0 | 1 | 2 |
| Richardson, g | 1 | 2 | 1 |
| Weller, g | 0 | 0 | 0 |
| Gann, g | 1 | 0 | 0 |
| Totals | 14 | 7 | 9 |

| Iowa State (44) | G. | FT. | F. |
|-----------------|----|-----|----|
| Lande, f | 6 | 4 | 3 |
| Wilcox, f | 0 | 0 | 0 |
| Ludwig, f | 0 | 1 | 4 |
| Forsberg, f | 4 | 1 | 1 |
| Woods, c | 2 | 0 | 0 |
| Rudi, g | 2 | 0 | 0 |
| Hitch, g | 1 | 0 | 0 |
| Taylor, g | 1 | 0 | 0 |
| Totals | 19 | 6 | 8 |

Co-referees, L. E. Edmonds, Ottawa; Dwight Ream, Washburn.

Ah, Pleasant Vacation!

Beth Currie, '25, and Loren M. Nuzman, '27, took a forced vacation from teaching when the Downs high school and contents were completely destroyed by fire. The building was valued at \$100,000.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., 51; Aggies, 36.
Jan. 24—Nebraska U., 21; Aggies, 30.
Feb. 2—Kansas U., 31; Aggies, 24.
Feb. 9—Missouri, 35; Aggies, 25.
Feb. 13—Okla. A. & M., 31; Aggies, 52.
Feb. 16—Iowa State, 44; Aggies, 35.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

FAULKNER DISCUSSES THE NEW BIOGRAPHY

"Epoch Begun With Lytton Strachey's
'The New Victorians,'" Says Eng-
lish Department Faculty Member

"There is a new biography," said Prof. J. O. Faulkner in recreation center Tuesday night, in discussing the question "Fiction or Biography?"

"Some of the new biography, such as 'The Exquisite Perdita' is biographical fiction, but the new biography is essentially fictionalized biography."

"The epoch of the new biography began with Lytton Strachey's 'Eminent Victorians' and 'Queen Victoria,' and such biographers as Bradford, Lewis Brown, Ludwig, Werner, Papinni, and Maurois, with many others have done much to add interest to biography writing and increase interest in biography reading," Professor Faulkner said.

Maurois's "Disraeli" and Guedalla's "Palmerton" were used to illustrate the new fictionalized biography.

"There is a very noticeable difference between biography old style and biography new style," said Mr. Faulkner. "This difference lies mainly in motive and methods. The motive of the old school of biographers, particularly the Victorians, was to erect a commemorative monument to some eminent man, setting forth his life so that we might imitate his virtues and avoid his vices. Frequently the biographer gave only what the subject appeared or wanted to appear before the public, not as he actually was to himself or to his friends. The hero's intimate life, his weaknesses, his mistakes, played no part in the old biography. In the new biography the author has removed the mask from his subject, and has given us reality. The new biographer is motivated by reaction—he is a hero-wrecker instead of a hero-worshiper; he is an idol-breaker instead of an idol-builder. And with this new motive has come a new method."

"The biography is told in objective; there is an avoidance of pronouncing moral judgments; the chronological order of narration is used; the minor characters move in a kaleidoscopic manner about the central figure of the biography; and the reader is made to feel he is living with the subject in a reconstructed atmosphere."

'THE FAMILY NOVEL' IS ENGLISH LECTURE SUBJECT

Prof. N. W. Rockey Discusses Galsworthy's 'Forsyte Saga'

Galsworthy's philosophy of life, as evidenced in the Forsyte Saga, was emphasized by Prof. N. W. Rockey in a recent discussion of "The Family Novel" in the literary review series being given by the members of the English department.

That those who are too actively aggressive get less from life than the passive people, and that beauty often eludes wealth, are the convictions which John Galsworthy seems to express in his monumental story of several generations of Forsytes, according to Professor Rockey's interpretation.

At the same time that the Forsytes represent all persons in whom the acquisitive instinct is strong, they are also suggestive of certain English types. In fact Galsworthy seems to Professor Rockey to be documenting English life of his period.

Good Herds Keep 'Em Home

That a herd of which the boys and girls can be proud would be a great inducement to them staying on the farm, was the point made by L. W. Morley, secretary of the American Jersey Cattle club, in a Farm and Home week talk. "In speaking of dairy problems we emphasize the dollar and cent side of it, but the greatest side is in the relation of the herd to the home," he said.

BRANCH STATION MEN CONSIDER LIVESTOCK

STUDY POULTRY AND SHEEP RAISING YESTERDAY

Lamb Production Has Place On Many
Kansas Farms, Says Reed—Can
Grow Turkeys in Confinement,
Scott Maintains

Branch agricultural experiment station workers, at the college yesterday and today for their fifth annual conference, held a poultry and sheep session yesterday morning, before going into agronomic subjects for the remainder of the two day conference. Prof. H. E. Reed of the animal husbandry department discussed several phases of sheep production in the state.

A flock of 50 ewes will prove profitable on many farms in eastern Kansas since the farmer can raise a small flock of lambs, fatten them, load them into a truck, and by an overnight drive arrive the next morning at a central market with the lambs in good shape. In western Kansas, Reed explained, this cannot be done because of extreme distances to markets. There the farmer must keep around 500 ewes to produce enough lambs to fill a two deck car.

IN WESTERN KANSAS

Some western Kansas farmers find it a profitable practice to have the ewes lamb late in April or May, keep them on pasture until fall, and, providing a crop has been raised, feed and sell the crop as fat market lambs. If no crop is raised, the farmers sell their lambs in the fall as feeders.

The sheep market has held up in recent years, Professor Reed said, principally because the "eat more mutton" idea has been disseminated by sheep interests. This propaganda, together with information concerning ways of preparing mutton, has saved what was thought to be a doomed sheep market.

Prof. H. M. Scott of the poultry department spoke on turkey production. The old theory that turkeys could not be grown in confinement has been completely exploded, according to Scott. They can be produced in confinement since sanitary measures have shown how to control the dreaded blackhead disease. At the college poultry farm the turkey poulters are hatched in incubators and raised similarly to chicks. Cottage cheese is fed five times a day from the time the poulters are 60 hours old until they are six weeks old. Gradually a mash is substituted for the cottage cheese and is fed until they are 12 weeks old when grain can be added gradually to the ration until the young turkeys are getting only grain.

Experimental records showed that 2.59 pounds of feed produced one pound of turkey, while it took 5.09 pounds of feed to produce one pound of Rhode Island Red chicken.

ALFALFA IN RATIOS

Prof. L. F. Payne, head of the college poultry department stressed the importance of alfalfa in the poultry ration. The alfalfa leaves provide the important vitamin A to the ration which in grains comes only from yellow corn. Extensive tests made by the poultry department point definitely to the conclusion that alfalfa greatly increases the hatchability of eggs. It also increases production.

Speaking on the subject of hybrid vigor in the poultry flock, Dr. D. C. Warren of the college poultry department explained some of the economic possibilities of poultry production through the practice of crossing different breeds of poultry. When two breeds are crossed, the hybrids are the heaviest layers, according to Doctor Warren, and the mortality of the hybrid is far less than of either of the parent breeds. The hatchability of eggs also is much greater.

Sir Henry Wotton was a most dear lover and a frequent practitioner of the art of angling; of which he would say, "Twas an employment for his idle time, which was then not idly spent, a rest to his mind, a cheerer of his spirits, a diverter of sadness, a calmer of unquiet thoughts, a moderator of passions, a procurer of contentedness;" and "that it begat habits of peace and patience in those that professed and practiced it."

—Izaak Walton.

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Number 20

SUN PARLORS REDUCE LITTLE CHICK LOSES

SANITATION CUTS DEATH RATE
FIRST TEN WEEKS

Cleanliness Can Be Obtained By Rotation of Ground or By Elevated Runways—Latter Prevents Contact With Soil

That losses from disease in young chicks can be greatly reduced through the use of "sun parlors" has been demonstrated by the poultry department of the Kansas State Agricultural college. The experiments have shown that chicks contract disease from contaminated ground where mature birds infected with the disease have been permitted to run.

Preventing common diseases, therefore, becomes largely a matter of avoiding infection of the young chicks, the college poultrymen point out. Chickens kept free of disease germs until eight or 10 weeks of age will be able to throw off most of the germs thereafter.

CLEANLINESS THE KEYNOTE

The K. S. A. C. poultry department recommends two methods of brooding chicks under clean conditions. The first necessitates the rotation of ground and the second calls for elevated runways for chicks until they are eight or 10 weeks of age. With the rotation method it is necessary to have a movable brooder house which can be shifted to clean ground each year. The clean runway method must be used where permanent brooder houses are necessary or where rotation of ground is impossible for any reason.

The sun parlor treatment applies the principle of sanitation by keeping chicks away from the ground and allowing them ample sunlight according to Prof. L. F. Payne. The parlor or runway is constructed in front of the brooder house and should cover the same area as covered by the brooder house. The floor of the elevated runway may be made of fine screen—half inch mesh hail screen—which allows the chicks to run around as well as if they were on the ground, makes certain they will not come in contact with the contaminated soil, and allows proper circulation of sunlight and air through the inclosure.

AVOID CHICK CONGESTION

The college recommends observation of the following important points when the sanitary runway is used:

With a 10 by 12 foot brooder house, not more than 250 chicks should be kept in each house. The restricted range makes conditions more crowded and larger numbers increase mortality.

When brooding in confinement precaution should be taken to prevent visitors from entering the brooder house, and the attendant should wear rubbers when going into the house and remove them when leaving, or step into shallow trays of disinfectant before entering the house. Disinfectant may be provided by placing a burlap bag saturated with a standard disinfectant in a low flat box.

There should be storm proof feed hoppers in the runway so as to attract the chicks outside to get the benefit of as much direct sunlight as possible.

TWO MORE HELM ETCHINGS ACCEPTED FOR EXHIBITION

National Art Club Showing Brings Total to Six

With the acceptance last week of two etchings by the National Arts club of New York City, Prof. John F. Helm, jr., of the department of architecture has had etchings in six national exhibitions this winter.

Three of these exhibitions have been in New York, those of the Brooklyn Society of Etchers, the National Academy of Design, and the National Arts club. The Washington

Water Color club has shown both etchings and water colors. The Philadelphia Art alliance now has put "Saplings in Winter" and "On Keats Road" into the Circulating Picture club, a unique exhibition which "travels" from the home of one member of the club to another.

"Saplings in Winter," which pictures a landscape near Manhattan, has been honored by the juries of four of these art organizations, including the National Arts club. "Montreuil-sur-mer" is the other of the two dry point etchings now on display at this club. It was taken from a water color study which was shown in the International Water Color exhibition at the Chicago Art institute last spring.

MAKERS OF ICE CREAM COMING MARCH 5 AND 6

Ninth Annual Conference Will Feature Orange Sherbet—E. L. Reichert '24, Is On Program

Ice cream makers of Kansas have been invited to the college March 5 and 6 for the ninth annual ice cream conference. The program this year will feature orange sherbet, according to Prof. W. H. Martin, in charge of the meetings. As usual, samples of sherbet entered in a non-competitive contest by the manufacturers will be criticized by a committee of three commercial creamery men.

The program includes talks by members of the college staff; Frank Crum, manufacturer, Ottawa; E. L. Reichart, manager, University of Nebraska creamery; Prof. William H. E. Reed, University of Missouri; and George Chapman, Cameron Dairy, Cameron, Mo. Mr. Reichart, Mr. Reed, and Mr. Chapman will judge the orange sherbet samples and discuss the results of their scoring.

Mr. Reichart was graduated from the college in 1924, after having majored in commercial dairying.

SOONERS OUTGRAPPLE AGGIES AND WIN, 20-8

Oklahoma Team Takes Five Decisions and a Fall to Clinch Second Place in Big Six Conference

Kansas Aggie wrestlers dropped out of second place in the Big Six conference, when they lost a dual meet to Oklahoma university 20 to 8, in Nichols gymnasium last Friday night. Oklahoma won five time decisions and a fall, and the Aggies one decision and one fall.

J. R. Warner, Chapman, threw Phillip Berry, Oklahoma, and C. H. Errington, Ruleton, won on time from B. O. Bass, Oklahoma.

Captain Albert Brown, Manhattan, lost a hard match to Lester Danforth of Oklahoma, in the 135 pound class, and Sam Alsop, Wakefield, lost to Captain Carl Bashara of Oklahoma, in the 145 pound class. Alsop finally succeeded in struggling out from under Bashara and had the Sooner captain in distress as the match ended, but Bashara had piled up a big time advantage, and won.

The Aggies meet Iowa State at Ames March 1, and then go into the conference meet at Oklahoma, March 8 and 9. The Ames team is undefeated.

The summary:

115 pounds—M. Leach, Oklahoma, defeated Russel Patterson, Morrowville. Time advantage 8:03.

125 pounds—L. Mantooth, Oklahoma, defeated J. C. Fickel, Chanute. Time advantage 8:19.

135 pounds—Lester Danforth, Oklahoma, defeated Albert Brown, Manhattan. Time advantage 2:34.

145 pounds—Carl Bashara, Oklahoma, defeated Sam Alsop, Wakefield. Time advantage 6:15.

155 pounds—J. R. Warner, Chapman, threw Phillip Berry, Oklahoma. Time 6:32.

165 pounds—D. Folliart, Oklahoma, defeated Fred Knorr, Manhattan. Time advantage 7:23.

175 pounds—Hugh Cunningham, Oklahoma, threw R. Rawlins, Whiting. Time 9:47.

Heavyweight—C. H. Errington, Ruleton, defeated B. O. Bass, Oklahoma. Time advantage 6:21.

Referee—Leon Bauman, Oklahoma Aggies.

BOOK LIST SUBMITTED AS GUIDE TO READING

FIFTEEN VOLUMES SUGGESTED FOR STATION MEN

Farrell, Call, Rogers, Parker, Grimes, and McCampbell Recommend Selections for General Interest—"Hunger Fighters" Heads Group

A list of new books that any person may study to advantage was presented by Dean L. E. Call to visiting branch agricultural experiment station workers on the campus last week. The list of readings was meant to serve as a guide in the selection of books of general interest.

Fifteen volumes were included in the list upon the recommendations of President F. D. Farrell, Dean Call, Prof. C. E. Rogers, Prof. John H. Parker, Dr. W. E. Grimes, and Dr. C. W. McCampbell. The recommended list of books follows:

BOOKS OF ALL TYPES

"Hunger Fighters," by Paul DeKruif. Harcourt-Brace and company, 383 Madison avenue, New York. \$3. L. E. C.

"The Stump Farm," by Hilda Rose. Little, Brown and company, 34 Beacon street, Boston. \$2. The diary of the pioneer woman. L. E. C.

"The Road To Plenty," by Wm. Trufant Foster and Waddill Catchings. Houghton Mifflin company, New York. \$2. A discussion in story form of a plan to curb the business cycle and to reduce recurring unemployment. F. D. F.

"Whither Mankind," by Charles Beard. Longmans, Green, and company, 55 Fifth avenue, New York. \$3. A symposium of essays on the present status of civilization written by thinkers in a dozen different fields of learning. Unlike other books published in recent years that have attempted to show the significance of contemporary society, this book is decidedly optimistic and hopeful. C. E. R.

"The Meaning of a Liberal Education," by E. D. Martin. W. W. Norton and company, Seventy-fifth avenue, New York. \$3. A volume of interest to the administrator, teacher, student, father and son. J. P. H.

SKETCHES OF PUBLIC MEN

"Peder Victorious," by O. E. Rolvaag. Harper Brothers and company, 49 East Thirty-third street, New York. \$2.50. Sequel to "Giants of the Earth." L. E. C.

"Prophets True and False," by O. G. Villard. Alfred A. Knopf, 730 Fifth avenue, New York. \$3. Short sketches of the leading men in public life in the last 10 years. L. E. C.

"An Anthology of World Poetry," by Mark Van Doren. Liveright, 61 West Forty-eighth street, New York. \$5. A collection of all the translations that are worth preserving. C. E. R.

"Disraeli," by Andre Maurois. D. Appleton and company, New York. \$3. An interesting popular discussion of Great Britain's most interesting premier. F. D. F.

"Corn from Egypt," by Maurice Gompertz. Wm. Morrow and company, 386 Fourth avenue, New York. \$1. A historical sketch of the origin of some of the cereals. L. E. C.

AGAIN—THE FARM PROBLEM

"The Farmer's Campaign for Credit," by Clara Elliott. D. Appleton and company, New York. An effort to analyze farmer's difficulties and to evaluate the measures which have been taken or proposed to meet the difficulties. W. E. G.

"Philosophy," by Bertrand Russell. W. W. Norton and company, Seventy-fifth avenue, New York. \$3. A statement of the work of research men in the physical and social sciences during this generation. C. E. R.

"The World's Meat," by R. J. McFall. D. Appleton and company, New York. A discussion of the production and consumption of meat on a world basis. It emphasizes particularly the part that meat animals play in the world economics, nations that

are surplus meat consumers, and nations that consume the world's surplus. C. W. M.

"Chats on Feature Writing," by H. F. Harrington. Harper and Brothers, 49 East Thirty-third street, New York. A useful handbook for those interested in occasional journalistic efforts. J. H. P.

"Masks in a Pageant," by William Allen White. McMillan company, 60 Fifth avenue, New York. Interesting sidelights on Roosevelt and his big stick, Taft and his judicial temperament, Wilson and his single track mind, Harding and his poker games, silent Cal and his economies. J. H. P.

CHEMISTRY EQUIPMENT SCARCE IN 'SIXTIES

Subject Has Been in Curriculum Since Bluemont College Days, Says Dean Willard

Chemistry has been offered at the college since "the beginning" in Bluemont college days, Dean J. T. Willard told members of the Kansas State Agricultural college section of the American Chemical society, in a lecture Monday night on "The History of Chemistry at K. S. A. C."

In Bluemont college, a mile and a half west of the present campus, the chemistry department of 1863-76 had "agricultural chemists" as instructors, and an equipment box two feet square, Doctor Willard said.

After the present college campus was established by President Anderson in 1876, the original of chemistry annex No. 1 housed the chemistry department. After the fire of 1900, the department occupied six different buildings until Denison hall was built in 1904. At various times the education building, Anderson hall, the present farm machinery hall, and the gymnasium were used for chemistry purposes.

Dean Willard told of the starting of the Kansas agricultural experiment station in 1888. He gave sketches of the buildings used for that purpose and for chemistry, and told of equipment that was available, subjects taught, and research carried out in the chemistry department.

Old texts and theories were compared with present texts and theories.

Influence of the periodic law and the ionization theory on modern theory were described.

Dean Willard became instructor in chemistry after his graduation in 1883. He became head of the chemistry department and from 1909 until 1918 was both dean of the division of general science and head of the department. In 1918 he was made vice-president of the college, and Dr. H. H. King became head of the chemistry department. Dean Willard is at present consulting chemist for the agricultural experiment station, in addition to his other duties.

AGGIE BASKETBALL TEAM TROUPS OKLAHOMA A. & M.

Wildcats Win at Stillwater by 62-14 Score

The Kansas Aggie basketball team defeated Oklahoma A. & M., 62, to 24, at Stillwater Monday night.

The box score:

| Kansas Aggies | G. | FT. | F. |
|----------------|----|-----|----|
| Nigro, f | 7 | 1 | 3 |
| Gann, f | 0 | 0 | 0 |
| Russell, f | 0 | 0 | 1 |
| Silverwood, f | 1 | 2 | 2 |
| Freeman, c | 1 | 1 | 2 |
| Weller, g, f | 3 | 1 | 4 |
| Skradski, f, g | 5 | 1 | 0 |
| Richardson, g | 8 | 0 | 1 |
| Totals | 28 | 6 | 13 |

| Oklahoma Aggies | G. | FT. | F. |
|-----------------|----|-----|----|
| McMichael, f | 1 | 1 | 1 |
| Dvoracek, f | 0 | 0 | 1 |
| Harrison, f | 2 | 1 | 1 |
| Hixman, f, g | 1 | 1 | 1 |
| Choate, c, g | 4 | 1 | 0 |
| Fleming, g | 1 | 0 | 1 |
| Grimm, g | 0 | 1 | 0 |
| Halfast, g | 0 | 1 | 0 |
| Totals | 9 | 6 | 6 |

Referee—J. E. Olds, Kansas.

A separator should leave no more than .03 or .04 per cent of butterfat in the skimmed milk.

HARBORD TO SPEAK AT ROTARY MEETING

RADIO CORPORATION HEAD PLANS MANHATTAN VISIT IN APRIL

Kansas Aggie Coeds, 43 of Them, Will Help Entertain Visitors at Hub Conference of Luncheon Club

Major General James Guthrie Harbord, '86, president of the Radio Corporation of America and frequently referred to as the most noted alumnus of the college, will return home to Manhattan for a visit at the time of the hub conference of Rotary International, for the eighth district, according to announcement of K. L. Ford, alumni secretary of the college. The conference is to be April 18 and 19.

General Harbord was chief of staff for General Pershing during the World war, and resigned from the army to head the Radio corporation. He was a prominent member of the Republican national organization during the recent campaign. A sister, Mrs. Martha Foreman, lives in Manhattan.

WILL BE HOSTESSES

Forty-three K. S. A. C. coeds will act as hostesses for the various clubs attending the convention. In most cases the hostess will be from the same town as the club which she will help to entertain.

Towns which will be represented at the conference, and hostesses for the towns, are as follows:

Abilene, Donna Duckwall; Arkansas City, Nancy Carney of Manhattan; Atchison, Virginia Seybold; Atwood, Louise Ross of Goodland; Augusta, Adelaide Scott of Manhattan; Beloit, Wanda Finney; Clay Center, Helen Hemphill; Colby, Beth Cole of Norton; Concordia, Helen Hotchkiss; Council Grove, Minnie Lee Marks; Dodge City, Josephine Lighter; El Dorado, Lillian Hazlett of Whitewater; Emporia, Adele Harper; Garden City, Lois Allen.

TWO FOR MANHATTAN

Goodland, Beatrice Warner; Great Bend, Margaret McKinney; Hays, Pauline Kegerus of Salina; Herington, Mildred Kingsbury; Hill City, Alice Wesley of Norton; Holton, Louise Reed; Hutchinson, Beatrice Oliphant; Junction City, Blanche Wetzig and Beatrice Brown; Larned, Margaret Darden of Manhattan; Lawrence, Lila M. Canavan; Leavenworth, Alice Adams; Liberal, Josephine Winter of Ashland; Manhattan, Katherine Chappell and Mary Sayre.

Marysville, Lorna Schmidler; McPherson, Ruth Helmsstrom; Newton, Margaret Plummer; Norton, Maxine Cole; Oberlin, Muriel Howard; Pratt, Opal Thurow of Macksville; Russell, Leone Pacey, of Manhattan; Salina, Cora Geiger; Sterling, Marcelline Markle of Chase; Syracuse, Mary French of Manhattan; Topeka, Grace Reed; Wellington, Lucile Rogers of Abilene; Wichita, Leone Wilson; Winfield, Wanda Riley of Chanute.

STUDENT POLITICIANS START VOTE GATHERING EFFORTS

Two Parties Publish Platforms—Ask Student Support

Student politics at the college is warming up this week with the Democras and Theodorics parties making public the various planks in their respective platforms.

The Theodorics want lower college entrance fees, creation of parking districts for student cars on the campus, strict enforcement of five minute warning bell at the close of class periods, greater student activity in chapel programs, a better representation of the college in the press, and approval of the present Royal Purple board.

Democras will fight for cheaper and better shows in Manhattan, the reestablishment of broadcasting basketball games, modernization of the present system of caring for student health, and change in the present method of handling cuts from classes.

Wade to Proctor and Gamble

Donald Wade of Manhattan, who will graduate this spring in the industrial chemistry course, is to go with the Cincinnati plant of Proctor and Gamble, after graduation. Wade was chosen by Herbert S. Coith, representative of the company, as the outstanding prospect interviewed on the early inspection trip, which included Missouri valley and Western conference region schools.

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WANGER, R. I. THACKREY, Assoc. Editors
KENNEY FORD, Alumni Editor
J. D. WALTERS, Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, FEBRUARY 27, 1928

THE NEW RURAL ARCHITECTURE

Make the farm home beautiful! seems to be the slogan for the 1929 spring building program.

J. C. Mohler, secretary of the state board of agriculture recently observed that the farmer is now directing attention to beautifying his farm property. The college department of architecture displayed during Farm and Home week at K. S. A. C. a large number of designs for farm homes. And the farm bureaus of seven counties are engaged in a project of landscaping home sites.

It is gratifying that we have reached the time when rural America is to have a consciously developed architecture of its own. At least we hope that this new building program will produce an architecture indigenous to the country and genuinely expressive of the people who construct it. Mere adaptations of city forms or reproductions of style from earlier periods are to be scorned and evaded.

What are the qualifications for a beautiful 1929 farm home? In the first place, the architect says that the form must fit the function; that is, the style, size and arrangement of rooms must be adapted to the needs of the occupants, rather than chosen as the latest style or vogue. It must be useful. But this pragmatic idea that usefulness is beauty is not enough. The artist says that to use must be added pleasing lines, good proportion, wise ornamentation—in general, good taste.

Perhaps as individuals we may not become our own architects all at once. But we may develop taste in architecture. Fortunately we have state leaders who are alert to our interests and capable of offering guidance in plans and designs.

THE MOUNTAINS OF KANSAS

It is now known through the sinking of oil wells that east Middle Kansas has a buried range of mountains 170 miles long and 10 to 25 miles in width. This range has been in existence perhaps 100 million years and must have been originally one of the great mountain ranges of the earth. Weathered by atmospheric agents, worn by torrential rains, and swept by ocean currents, it must have furnished sand and clay to much of the surrounding regions, perhaps also to the geosyncline of Oklahoma, for the Nemaha mountains were still a great range, but its days were numbered for it was slowly subsiding. The rivers draining its slopes were becoming more and more sluggish and their valleys filling with sand.

Early in the Pennsylvanian sub-period the Nemaha mountains passed from sight beneath the waters of a salt sea and the clays of Oklahoma buried what is now eastern Kansas under a thick deposit of mud which later became the Cherokee shale and which is now 400 feet thick.

For 12 or 15 million years the oil and natural gas have been migrating from eastern Oklahoma into the surrounding regions, but principally northward, for the Wichita and Arbuckle mountains were in the way on the south, and the Kansas-Nemaha river system, filled with sand and

covered with shale, gave easy means of migration to the north.

The Kansas-Nemaha rivers were as crooked as rivers are now and received many tributaries. The hydrocarbons passed up these tributaries, of course, so side fields lie along the main line of progress and some distance from it. But other lines of flowage lie to the east of the one described and some to the west. West of the Nemaha mountains the crude oil is green and may have a different source. East Kansas oil is a black, asphalt oil. —From "The Geological History of Kansas," by Dr. Lyman C. Wooster.

THIRTY YEARS A STUDENT

Thirty years a student is the record of William Cullen Bryant Kemp, who died the other day at the age of 79. Indeed, estimates on Mr. Kemp's academic career on the Columbia university campus range as high as 60 years. At any rate he took his B. A. in 1868 and after that, in more or less rapid succession, an A. M., M. D., LL. B., LL. M., Ph. D., C. E., E. E., Mech. E., Phar-Chem., and a B. S. This provides, one would think, a fairly rounded education, and would have fitted Mr. Kemp for almost any place in society that he chose to assume. "Doctor, lawyer, merchant, chief," the old rhyme runs. But Mr. Kemp would have none of them; he preferred the cloistered securities of the campus, the Columbia club, the classroom.

All sorts of rumors flew about to explain his fondness for university life, but no aberration was ever more inexplicable. It is, of course, a melancholy tribute to the perseverance of the tribe of man; it is no less an example of how great and how powerful Columbia university is, and how multifarious its fields of study. For there is no record that Mr. Kemp ever repeated a course. One can picture him poring through the catalog for something not yet covered; and giving a sigh of relief to see that Sanscrit A1 was now being offered, in addition to Thermodynamics 62-63, neither of which he had ever taken. —From the Nation.

AN ANSWER TO A PRIZE PUZZLE

A young girl answered a puzzle in which she was required to pick out two girls out of 20 who looked just alike. She gained the impression from the advertisement that the correct solution of the puzzle would win her a large motor car. She immediately received a letter from the puzzle company stating her answer was correct and she had been awarded 995 votes on the 1,000 necessary to win the car. She could win the other points by selling a few subscriptions to a magazine.

She sold many subscriptions; she canvassed all the homes in her neighborhood and finally interested her parents in the contest. They believed she was going to win the prize. To make sure they allowed her to order subscriptions for many relatives and friends and paid the subscription price out of their own pocket. They spent over \$100 in this manner and were satisfied that the daughter had won the automobile.

Unfortunately, the daughter won neither the automobile nor the cash prizes. Had she read the literature carefully she would have realized that you cannot get "something for nothing." —From the Better Business Bulletin.

THE MOB SNOB AND HIS BOOKS

I prefer the people who buy books of Harold Bell Wright or Ethel M. Dell to the people who buy but do not read the books of Joseph Branch Cabell or Aldous Huxley or Lytton Strachey, and I am very certain that in the long run those honest, if simple minded, persons have far more general culture in them than is to be found in the whole pretentious pack who are running after the latest author because they can't keep up with luncheon party conversation unless they can repeat some pert phrase about him.

A mob snob is one who cannot believe a thing is good unless it is widely demanded. Masses of books are bought or left unread on this principle. —St. John Ervine in the New York World.

BEAUTIFUL STORES

Department stores have become so systematized that they no longer work. Even if you know just which nectie you want and have the exact change in your hand, the store doesn't work, and you are detained about ten minutes while the various departments send radiograms back and forth, notifying each other that there is a man in the store buying a nectie. The fact of the matter is, we don't care whether department stores work or not because they are

at the National Farm school at Doylestown, Pa.

Professor Walters read a paper on "Drawing" before the teachers' association at Topeka and gave an evening lecture before the state horticultural society. President Will addressed the horticultural society on the work of the college, Professor Faville spoke on "Modern Methods of Handling Fruits," Professor Willard read a paper at the Academy of Science on "Variations in the Nitrogen Content of Corn," Mr. Hall gave

Extension Educational Service

The Thirty-Second Biennial Report of the Kansas State Agricultural College

No part of the college organization serves the public more faithfully and effectively or under greater difficulties than does the extension service. It is the function of this unit of the college organization to carry educational service to all parts of the state; to every township, even to every farm and farm home, from which a call for service reaches the college. During the past biennium the extension staff, consisting of a director, two club leaders, two home demonstration leaders, three county agent leaders, 26 subject matter specialists, 67 county agricultural agents, and 23 county home demonstration agents, has performed an exceedingly large and varied educational service.

As an illustration of the way in which subject matter is disseminated within a county, some figures are presented to indicate the diversity and scope of the educational service in Shawnee county during the biennium. In the following table the first column shows the type of subject matter involved. The second column shows the number of days devoted to meetings, schools, and demonstrations for the presentation of each specified type of subject matter in that county. The third column shows the aggregate attendance at each type of meeting. The figures on attendance, of course, include many duplications because many people attend more than one type of meeting. The figures show something of the comparative degree of interest manifested in each type of subject matter, although they should be interpreted carefully for the reason that some types of subject matter necessarily appeal to comparatively few people. Every farmer is interested in marketing, for example, but few are interested in dairy husbandry or horticulture. The table for Shawnee county follows:

| Subject Matter | Total Days | Aggregate Attendance |
|----------------------------|------------|----------------------|
| Agronomy | 32 | 23,985 |
| Plant pathology | 7 | 743 |
| Horticulture | 8 | 561 |
| Animal husbandry | 4 | 223 |
| Dairy husbandry | 6 | 248 |
| Veterinary medicine | 2 | 404 |
| Poultry husbandry | 19 | 1,322 |
| Entomology | 2 | 304 |
| Rodent control | 2 | 30,143 |
| Marketing | 18 | 92,844 |
| Foods and nutrition | 53 | 43,567 |
| Clothing | 64 | 10,989 |
| Millinery | 29 | 481 |
| Home health and sanitation | 10 | 35,071 |
| Household management | 17 | 5,233 |
| Rural engineering | 3 | 116 |
| 4-H clubs | 76 | 4,108 |
| Crop schools | 4 | 120 |
| Fairs | 6 | 1,362 |
| District conference | 1 | 9 |
| Miscellaneous | 40 | 1,140 |
| Totals | 409 | 252,973 |

so beautiful and have such beautiful and distinguished people to wait upon you. Probably the most select salesperson we have encountered is a girl in Best's who works in the juvenile hat department for \$25 a week and lives at the Plaza with her mother. —From The New Yorker.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

E. C. Thayer, '91, was a mineral expert in the surveyor general's office at Portland, Ore.

Samuel H. Crottinger, '14, became cashier and member of the board of directors of the First State bank at Bovill, Ida.

W. L. Blizzard, '10, was acting head of the department of animal husbandry at the Oklahoma A. and M. college at Stillwater.

TWENTY YEARS AGO

The Aggies defeated the McPherson college team in basketball 41 to 24.

Prof. J. E. Kammeyer gave a lecture for the benefit of the Y. M. C. A. entitled, "Benedict Arnold, His Patriotism and His Treason."

THIRTY YEARS AGO

Prof. E. E. Faville, professor of horticulture and entomology, was promoted to work in a broader field

an address on the "Utilization of Native Fruits," and Professor Hitchcock spoke at Indian Creek on "Notes on Weeds."

FORTY YEARS AGO

President Fairchild was in Topeka on college business.

The printing department received an electrotype of a bunch of pansies from James Vick, a veteran seedsmen and florist of Rochester, N. Y.

Prof. Robert Hay of Junction City presented the college library with copies of his articles on "Salt" and "Northwest Kansas," reprinted from the sixth biennial report of the state board of agriculture.

FIFTY YEARS AGO

W. B. Leicester and J. Q. A. Sheldon formed a copartnership in the clothing store business.

Judge Brewer lectured at the Congregational church on the subject, "A Woman in Court."

The students were to have an entertainment and social in the college chapel in honor of Washington's birthday.

The agricultural department received a large package of California Golden Yellow corn from J. T. Wright, Mt. Pulaski, Ill.

Much may be made of a Scotchman if he be caught young. —Life of Johnson (Boswell).

WISDOM

From "Love Songs" by Sara Teasdale

When I have ceased to break my wings
Against the faultiness of things
And learn that compromises wait
Behind each hardly opened gate,
When I can look Life in the eyes,
Grown calm and very coldly wise,
Life will have given me the Truth,
And taken in exchange—my youth.

SUNFLOWERS

H. W. D.

GROUCH NO. 473

As a minority of one I wish to protest against smearing the private affairs of Mr. Charles Lindbergh all over the front page just because he happens to have big street sale value.

As an American citizen he should be allowed to carry on his courtship in peace and get married in peace. When things go so far that the undergraduate poetry of the bride-to-be makes the front page, it is time to call some kind of halt.

It is undoubtedly the first time in history that collegiate verse has ever been exposed to the vulgar gaze of the tabloids and the near tabloids. Any girl, especially a nice, camera-shy girl like Miss Morrow, should be protected by law against the printing of her undergraduate pomes.

Mr. Lindbergh and Miss Morrow will probably not protest. They are not that kind—they have good sense. But somebody should protest, and since I am in the mood and have nothing else to do, I'll do it.

Defenders of contemporary journalism have a trick of saying that newspapers are justified in printing up-to-the-minute drivel about the private affairs of celebrities. They sometimes even whine that newspapers are forced to print it, whether they wish to or not. The not overly subtle explanation offered is that the public demands such blah blah, and should have it.

These determiners of ethics defend crime news, catastrophe news and various other types of gore with the same sophistry. Drug peddlers might—well, why bring that up?

Of course I do not venture to class opium and the fact that Mr. Lindbergh first met Miss Morrow at two o'clock on the afternoon of Jantember 23, 1928 in the same category, even though their respective effects upon my consciousness are largely the same. But I do fear that a steady mental diet of silly gossip, prolonged month after month and year after year, makes pestiferous bores of some of our very best people.

The gah gah dished up by the great American press is as sedative to effective thinking as dope is to the screen acting of the leading ladies of Hollywood. But nobody seems to care a whoop and a half. We are growing finicky about what we ingurgitate and inhale, but we still fill our minds with the rankest of scandal and the most fatuous of chatter. There isn't a single law against drivel in a single state in the Union, and there are laws against everything else you can think of.

Giving people what they cry for merely because they cry for it is a frail, wobbly ethic, whether what they cry for be paregoric or gossip about who introduced the flying hero to the daughter of our most popular ambassador and when—and how.

Particularly am I willing to dispense with all the inconsequential attendant upon the bringing down of such notable bachelors as Gene Tunney, Charles Lindbergh, and the Prince of Wales.

Yes, thank you, I feel better already.

Mahomet made the people believe that he would call a hill to him, and from the top of it offer up his prayers for the observers of the law. The people assembled. Mahomet called the hill to come to him, again and again; and when the hill stood still he was never a whit abashed, but said, "If the hill will not come to Mahomet, Mahomet will go to the hill." —Francis Bacon.

MOISTURE CONSERVATION AND EROSION ARE FARM PROBLEMS

TEXAS STATION SUPERINTENDENT FINDS COMPARATIVELY LEVEL LAND LOSES MUCH PRECIPITATION—DULEY SHOWS HOW SOIL WASHING CAN BE LESSENERD

That soil erosion and runoff of precipitation are major problems facing the American farmer in his efforts to conserve soil fertility was made plain by soils specialists and agronomists at the conference of branch agricultural experiment station workers at the college last week.

In controlling these processes the condition of the soil is of prime importance, Dr. F. L. Duley of the college agronomy department explained. The well known slogan "save the surface and you save all" might well be applied to the problem of checking erosion, he said.

PRINCIPAL EROSION FACTORS

Aside from the condition of the soil surface, other principal factors affecting soil washing, according to Doctor Duley, are steepness of the slope, the character of the soil (both surface and subsoil), the vegetative

rains is one of the principal reasons for disastrous erosions, Doctor Duley has learned. In the Missouri experiments there were 256 rains during six years that caused runoff. Sixteen of the most destructive of these rains caused more than 50 per cent of the erosion. On the deep plowed plat they caused nearly 70 per cent of the erosion. In the order of their effectiveness in controlling soil erosion Doctor Duley lists the following types of covering and cultivation: 1, forest cover; 2, meadow and pasture land; 3, well cultivated farm land; 4, barren surfaces of stone, clay, or gravel.

"A close growing vetetative cover is the most effective method of erosion control and because of its highly absorptive properties reduces the runoff to a minimum," Doctor Duley said in conclusion. "Its value in flood

growing a crop of milo allowed 2.22 inches runoff.

Because the land is comparatively level in west Texas, Professor Dickson has not studied erosion extensively but suggests the following practices for prevention of erosion: the use of proper implements in cultivation; a clod mulch rather than dust mulch; a covering of crop litter on the soil—stubble and stalks—and the planting of row crops with the contour of the land.

OUR OWN FOLKS

K. S. A. C. alumni have always been active and they are becoming more so in promoting the interests of K. S. A. C. Each alumnus has his own particular way of promoting that department or phase of the college in which he is most interested. The combination of such efforts makes K. S. A. C. a bigger and better institution each succeeding year. An example of alumni interest in the development of the animal husbandry department of the college is indicated by the fact that medals were offered by K. S. A. C. graduates for the winners in the animal husbandry fitting and showing contest held during Farm and Home week as follows:

A. M. Paterson, '13, Kansas City, to the winner in the sheep class. Mr. Paterson is assistant secretary of the American Royal Livestock show and livestock specialist for the Kansas City Stock Yards company.

Claude Lovett, '16, Neal, to the winner in the cattle class. Mr. Lovett is one of the leading Shorthorn breeders of Kansas.

J. B. Angle, '16, Courtland, to the winner in the hog class. Mr. Angle is one of the leading Duroc Jersey breeders of the middle west.

J. J. Moxley, '22, Manhattan, to the winner of the horse class. Mr. Moxley is livestock extension specialist at K. S. A. C. and raises Percheron horses in Osage county.

Michigan Alumni Meet

E. K. Emslie, '13, Flint, Mich., writes that Archie L. Morgan, f. s., and other alumni living in Jackson, staged a very successful state alumni meeting at the new Elks temple, Jackson, Mich., February 9. Thirty-four alumni and friends were present. The evening's entertainment consisted of dancing, playing cards, and visiting. Plans for the summer picnic were discussed. Most of the alumni present favored selecting a suitable place on the upper peninsula for the picnic meeting next summer.

Mr. Emslie also sent a copy of the registration list of alumni attending the meeting. The list follows:

Georgia (Canfield) Lozier, '12, and Mr. Lozier, representative of Pittsburgh Steel company, Grand Rapids; H. F. Moxley, '24, animal husbandry specialist, East Lansing; Mary Canfield Johnson, '14, home economics teacher, East Grand Rapids; C. F. Huffman, '17, research specialist, Michigan State college, East Lansing; S. R. Johnson, '20, veterinarian and general superintendent Addison Fur company, Jackson; Kathleen Hamm, '18, business manager, Betsy Barbour house, Ann Arbor; John C. Christensen, '94, assistant secretary, University of Michigan, Ann Arbor, and Alice (Ipsen) Christensen; Chas. W. Melick, '06, United States Prohibition Service, and Mrs. Melick, Detroit.

K. H. Beach, '28, graduate student, Michigan State, East Lansing; Archie L. Morgan, f. s., electrical engineer, Stevens and Wood, Jackson; Charlotte Swanson, '26, Albion college, Albion; Helen (Hale) Tanner, '26, and Carl C. Tanner, '28, electrical engineer, Consumers Power company, Jackson; B. R. Churchill, '24, research assistant farm crops, Michigan State college, and Mrs. Churchill, East Lansing; G. W. Putnam, '16, director, sub-station, Michigan State college, Chatham; Lois (Sargent) Crall, '23, and E. H. Crall, '23, Jackson; Margaret (Stone) Elliott and George R. Elliott, '11, contractor, Ecorse; C. R. Witham, '18, Jackson; Margaret E. Raffington, '24, M. S. '28, home economics department, Michigan State Normal, Ypsilanti; Ivy G. Walton and Homer Walton, '11, Ypsilanti; P. M. Shaler, f. s., electrical engineer, Stevens and Wood, Jackson; S. W. Honeywell, '20, electrical engineer, Stevens and Wood, Jackson; and E. K. Emslie, '13, photographic department, Buick Motor company, Flint.

Harry C. Jennings, '23, is on the engineering staff of the Hudson Bay Mining and Smelting company. His headquarters are at 500 Royal Bank building, Winnipeg, Manitoba, Canada.

AMONG THE ALUMNI

O. W. Hunter, '09, is now located at 1802 Hillcrest avenue, Hollywood, Cal.

Minnie J. Dubbs, '19, is now located at 50 Nevins street, Brooklyn, N. Y.

Helen (Johnson) Krieger, '20, is located at 4922 Garfield, Kansas City, Mo.

M. E. Hartzler, '14, is sales engineer for the H. C. Sturman company of Chicago.

Florence McKinney, '26, is engaged in Red Cross Nutrition service at Henrietta, Tex.

Dawn Daniels, '28, asks that her INDUSTRIALIST be sent to 807 Foster street, Evanston, Ill.

E. L. Bebb, '21, is in sales work for the Westinghouse Electric company as Scotts Bluff, Neb.

Arthur B. Collom, '21, is coaching in Wichita high school. His address is 812 South Spruce street.

Ted Greist, '21, designer of Memorial Stadium, is with Thomas Williamson, architect, at Topeka.

Mary (Cole) Wilson, '05, and Mr. Wilson are making their home at 808 Kansas avenue, Great Bend.

Edith Grundmeier, '22, is doing Purnell research work at Michigan Agricultural college, East Lansing.

Clara (Higgins) Clapham, '19, and Mr. Clapham are located at Freehold, N. J. Their address is Box 735.

John R. Neale, '17, is working in the college extension department of the University of Wyoming at Laramie.

Medrith Droll, '24, is directing the Y. W. C. A. cafeteria in Richmond, Va. Her address is 6 North Fifth street.

Leo Moser, '18, has recently become general executive of the Grover O'Neill Investment company, New York City.

George Hamilton, '20, is a draftsman with the Union Pacific railroad. He lives at 1509 Willis avenue, Omaha, Neb.

Carl Feldman, '28, recently received an appointment to the army flying school at Brooks Field, San Antonio, Tex.

Clyde C. Key, '18, is with the North-Eastern Construction company, engineers and contractors, at Baltimore, Md.

Irene (Case) Branson, '11, is teaching home economics in a high school in Oakland, Cal. Her address is 3174 Birdsall avenue.

Ralph H. Hepppe, '19, visited Manhattan recently. He is manager of the southwestern division bureau of the Associated Press in Kansas City, Mo.

George J. Fiedler, '26, since graduation with the General Electric company, has transferred to the Radio Corporation of America, New York City.

F. M. Wadley, '16, has been transferred from Sandusky, Ohio, to the Insect Pest Survey, United States Bureau of Entomology, Washington, D. C.

W. T. Pope, '98, is doing research work in the United State agricultural experiment station in Honolulu, Hawaii. A son attends Iowa State college at Ames.

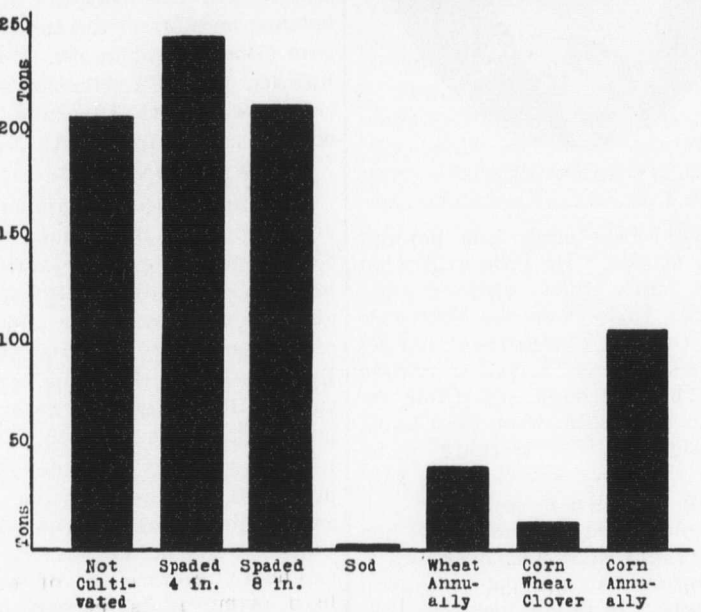
J. E. Cress, '28, has accepted a fellowship at the University of Idaho, Moscow, and will do research work for the Idaho committee on the relation of electricity to agriculture.

Mary Irene Bailey, M. S. '28, is a research fellow under Dr. Henry C. Sherman at Columbia university this year. Gladys Hartley, '22, M. S. '27, is likewise doing research work under the direction of Doctor Sherman.

Wesley E. Swenson, '29, who completed his course in rural commerce at the close of last semester, is taking the business training course of the General Electric company in Schenectady, N. Y. His address is Room 468, Y. M. C. A.

Alice T. Marston, '24, asks that her INDUSTRIALIST be changed from Brookline, Mass., to 80 East Concord street, Boston. She writes that she would hate to miss any numbers though she never appreciated THE INDUSTRIALIST until after June, 1924.

Soil Erosion Told Geographically



Relative total amount of soil eroded during six years from plots having different treatments. (Tons per acre.)

covering, and the character of the rainfall.

"That steep slopes erode more rapidly than more gentle ones has seemed obvious to everyone, but the exact ratio between the erosion on different degrees of slope has not been accurately determined," according to Doctor Duley. "Some work is now under way to determine the effect of slope. It must be remembered also that the length of slope as well as its steepness may materially affect the amount of erosion.

"The washing out of ditches very greatly increases the effect of slope on a piece of land. The character of the soil, both surface and subsoil, is a well recognized factor in the process of erosion. That some types of soil erode more rapidly than others is due not only to topography but also to the nature of the soil itself. The physical condition of the surface soil is an important point in the control of erosion and runoff. Rough surfaces retard the flow of water and therefore bring about a greater absorption than would a smooth surface. Loose material will also absorb water readily.

PLOWING NOT SATISFACTORY

"From this it has been assumed that plowed land would absorb water so much faster than bare soil that it would, by reducing the runoff, cut down erosion. This theory became quite generally accepted and plowing the land deeply has often been recommended as a means of controlling erosion."

Results of tests made at the Missouri experiment station by Doctor Duley indicate that the effect of plowing land in order to keep it in condition to absorb moisture would not prove to be a successful method of erosion control because whatever advantage there may be in great absorption is more than offset by the ease with which the soil material is carried away. In the Missouri tests land plowed four inches deep eroded 140 times as rapidly as sod land, and in North Carolina bare ground on a nine per cent slope eroded 415 times as rapidly as sod land.

Frequent occurrences of torrential

control is therefore of the utmost importance and if applied over a wide area would be one of the most effective for flood control methods that could be adopted."

VEGETATIVE COVER HOLDS MOISTURE IN TEXAS TESTS

High Per Cent of Water Gets Away Even On Level Land, Dickson's Figures Show

A common impression that level land does not lose precipitation by runoff is corrected by studies made during the last three years at the Spur, Tex., agricultural experiment station by Superintendent R. E. Dickson, who explained the results of his work to the branch station men. Moisture conservation has been of chief importance in Professor Dickson's studies. Measurements of runoff and soil erosion were made similarly to those at Missouri.

The soil at Spur is a clay loam with a calcareous subsoil, according to Mr. Dickson. It has a rapid intake of water and large capacity. Under these conditions and on slopes of only 1 and 2 per cent, he has shown that a high percentage of rainfall runs off. The rainfall at Spur is heavy in the spring and fall, though the annual, long time average is only 22 inches. In the three years over which Mr. Dickson's studies run (1926, 1927, 1928) the average rainfall has been 20.30 inches. On an average 4.49 inches of this amount has been in the form of light ineffective showers.

On a perfectly level plat of land planted to cotton, .62 of an inch of this rainfall has been lost by runoff. On a 1 per cent slope planted to cotton the runoff was 3.24 inches. On a 2 per cent slope planted to cotton, 3.80 inches was lost by runoff. On a plat having a 2 per cent slope and fallowed with a cultivator the average annual runoff amounted to 6.28 inches. Where the fallow was not cultivated the runoff was 7.72 inches. A plat having a 2 per cent slope and a grass covering allowed only 1.52 inches of runoff, while a similar plat

PROGRESS OF KANSAS PRESS

F. E. C.

Harold Allegre has enlarged his Lewis Press from a six page to an eight page paper.

J. W. Hoffman has turned the management of his Hesston Gazette over to his son, J. W., jr.

Under a feature head "In the Traffic Net," the Salina Journal runs short news items of traffic violators who are brought into the police headquarters.

Atthol Dunham, associate editor of the Beloit Gazette, has taken over the paper since the death of J. R. Harrison. Mr. Dunham has been with the Gazette since 1915.

Louis Wilson and Wright Turner, owners of the Waterville Telegraph, have bought a new building for their paper which allows more room for equipment with better arrangement of machinery.

The Moline Advance recently gave two columns of front page space to the Boy Scouts. Such an occasional feature will enliven the interest of Moline's future leading citizens in their home newspaper.

In his Barber County Index, Editor J. C. Hinshaw spices his editorial page with a "Home Town Philosophy" column in which seven Medicine Lodge persons give bits of their personal opinions, consecutively and anonymously. The bits of philosophy are run 26½ picas wide so the feature stands out on the editorial page.

The Garden City Herald will move to a new home as soon as it can be erected. The new building is to be modern in every detail, 46 by 80 feet, with windows on three sides. Sound proof walls will divide the front offices from the room containing the machinery. A new press and steel type cases are among new equipment to be installed.

The Santana Chief and the Sublette Monitor, both in Haskell coun-

ty, recently were purchased by Roland Jacquart, formerly of the Kansas City Star staff. The Chief was formerly edited by L. W. Neel and the Monitor by Leon Lester. Mr. Jacquart will be assisted by his father, H. J. Jacquart, Larned, who will edit the Santana paper.

Many other Kansas papers can take a tip from the Lincoln Sentinel-Republican and write a readable news-feature story on the doings of the local high school vocational agriculture class. In two paragraphs the Sentinel explained the aims of the work as told by the instructor. Then follow a dozen paragraphs, each giving the name of a high school boy and describing briefly the nature of the vocational agriculture project and his success with it—a valuable front page feature.

A Kansas weekly printed the obituary last week of a man who had lived in the county 74 years. The story was given top position on page one but it seems the editor missed an opportunity in not obtaining a cut of the man. A picture of the deceased must have been available. A cut would have been worth \$4 to the story. It would have been worth another \$4 to the appearance of the front page. In another town a woman who had lived there 72 years died. Her cut was used, greatly improving the story.

S. T. Osterhold, editor of the Holton Signal, has been elected president of the Holton Commercial club. One can't help admiring the "masthead" of the farm bureau column in the Signal. It is a stone arch built on a base of "organized agriculture." Uprights of the arch are resting on "ground limestone" and "manure and phosphate." The uprights are "legumes" and "livestock" and the arch is made of "farm management, better homes, better citizens, and better farms." Naturally, the keystone is the "Jackson County Farm Bureau." No wonder the agriculture of Jackson county prospers.

PREACHER, AS PRESIDENT, BROUGHT COLLEGE TO FORE

A. A. STEWART, SUPERINTENDENT OF PRINTING IN '70'S, GIVES
REMINISCENCES OF COLLEGE AS IT WAS UNDER
DR. JOHN A. ANDERSON

(BY A. A. STEWART)
(Pioneer Superintendent of Printing)
Those people were most fortunate who, in the early years at the college, had the privilege of being associated with President John A. Anderson. He was an uncommon man, of strong personality and great originality. Just the man for the work required to be done in that period. He spent considerable time in the printing office, especially during vacations, which enabled the writer to see and learn much of him. The following paragraphs may give present-day college people something of a line on him, and also other information about that early day period.

Anderson was a Presbyterian preacher—came to the college from a pastorate in Junction City. Some people complained because he made such brief prayers, both in chapel and in church. As in all his speech, his prayers were short, practical, earnest—right to the point. He seemed to think the Lord might even be busier than he was—which was saying a good deal—and therefore he did not trespass on His time. But none doubted the genuineness of Anderson's religion.

When the college was moved to the present campus, Anderson did not want the walks laid out in straight lines. He complained of the original board walk from the mechanical building to the "old barn." He said God never laid out a path on straight lines—that no one ever saw a straight cow path.

Once when I was walking with Anderson between buildings, he suddenly turned to me and asked if I thought a dog had a soul. No reply by me could be of any value to him—he simply wanted to know what my reaction would be to such an inquiry. But evidently he was thinking of the problem which his question suggested.

When he gave me a piece of job printing, Anderson could hardly wait until he got a proof of it, after which he apparently lost interest in the job. He would have me work over hours and bring a plate of nice lunch from his home on the grounds.

Anderson claimed to have originated the word "industrialist." He was a pioneer in the work of industrial, mechanical, agricultural education. His only competitor was the Michigan Agricultural college. He established THE INDUSTRIALIST as a medium through which to defend his educational policies, and sent a copy of it to every newspaper in the state and to all libraries and all public men. He was the ideal man to make the fight necessary to change the college from a classical to an agricultural, mechanical, and industrial school. The battle was a royal one and was finally carried to the legislature. Anderson was nothing if not a fighter. An effort was made to consolidate the college with the university. When the fight was over, S. S. Prouty, one of the opposition leaders, said the bill would have passed had it not been for that "damned preacher."

Anderson claimed that the agricultural colleges of the country—and especially the one at Manhattan—were not carrying out the terms of the Federal act endowing such institutions, which specifically prescribed that they should provide instruction in agriculture and the mechanic arts. Hence his radical changes at the college.

So bitter was the feeling against Mr. Anderson during the first few months of his administration, because of his so-called radical views on education, that once at least one or more of the upper class students withdrew from the room as he marched up to the chapel platform for the Sunday afternoon lecture.

Anderson was a fighter—a hard

hitter. He had a firm, flat-footed step and presence that suggested power and authority in every movement. And yet he had a gentle side with much feeling and strong sympathy. Frequently have I seen him break into tears on the platform until he could not speak for a moment, while discussing some topic that was close to his heart. He was also one of the most unconventional men I have ever met.

Anderson came into the printing office one day just as I was reprimanding a pupil for stealing scratch paper from a cupboard. I called his attention to the matter, expecting him to also give reproof. Turning to me he said, "Stewart, do you re-



A. A. STEWART

member that part of the Lord's prayer which says, 'Lead us not into temptation?' Keep that cupboard locked and you will have no further trouble." Many times in after life, when in charge of men and women or boys and girls, have I recalled the philosophy underlying Mr. Anderson's reply, and avoided trouble by taking away temptation.

Anderson always went to original sources for data for his addresses and to fortify his educational views. He would spend days in Topeka gathering statistics. Frequently he quoted the now familiar statement, "Not all figures are lies, but many liars make figures."

Anderson thought the college should be closer to Manhattan, and that college buildings were more badly needed than a great barn. So, suiting his actions to his thoughts, as was his custom, even though this required radical measures, the entire plant was removed to the present location in 1876. When work began on the present campus, there were no buildings except two farm houses and the wing of a new \$80,000 barn. The site consisted of fields and orchards. Of the barn, it was said that nowhere

in his plans for the entire structure had the architect provided for an opening large enough to admit a wagon loaded with hay. The interior of this barn wing, then occupied by farm stock, feed, and implements, was transformed into class-rooms, laboratories, chapel, etc., and was so occupied until the erection of Anderson hall several years later. I think the old barn is now called the armory.

The first rude stables and yards which were built after the college was moved to its present location, to house its few cattle and mules, was located where the stadium now stands. Every day I walked diagonally through this field in going from my boarding house to the college printing office. In 1924, for the first time in 15 years, I was on the college grounds a few hours, long enough to see the Aggies win the first football victory in years from the state university. As I sat in that great stadium, which attests the loyalty of the widely scattered alumni, I recalled the path I daily trod 50 years before. How little we know of the future! In those days when the enrolment was around 200, some enthusiastic (but visionary!) speaker at the annual farmers' institute, held at the college, would predict the time when the college enrolment would reach 1,000! Now the enrolment exceeds 4,000!

Mr. Anderson, as congressman, was author of the law which reduced letter postage from three to two cents.

One of the finest commencement addresses in college history was delivered in those early days by Noble A. Prentis, one of the best known and most loved Kansas newspaper men, then employed on a Topeka paper, previously with the Junction City Union, and in his last years doing special work on the Kansas City Star. The title of the address was "The World a School." There was some criticism because Prentis was chosen for a commencement address, which was almost invariably made by some distinguished man of classical education. Prentis was sensitive about this criticism. He came to the college a day or two before commencement and begged Anderson to release him from making the address, which he submitted for the President's perusal. Mr. Anderson at once recognized the merits of the extraordinary document, precisely suited to the fight he was making for a more practical education for Kansas boys and girls, and, of course, insisted on its delivery. At once the address proved very popular. Prentis had a wealthy uncle who was struggling with the problem of higher education for his son. When he read this address, he was so impressed that in appreciation he provided the funds which enabled Prentis to make a trip to Europe. His travel letters, published in a Topeka daily, were later printed in book form with the title, "A Kansan Abroad." In this volume was also reprinted that commencement address, which also is reprinted in a little volume issued by Mr. Prentis in 1889, entitled "Kansas Miscellanies." If you have never read any of these publications, look them up

at once in the college library. Likewise consult the "College Handbook," the catalog issued in those days, in which Mr. Anderson discussed, in a most vigorous and original way, the subject of practical education.

It was a favorite expression of Anderson's that "Kansas is 200 miles wide, 400 miles long and as high as the stars." He was a most loyal Kansan.

Mr. Anderson was progressive—even radical—before the days of Bryan, Roosevelt, and their successors in every campaign, and yet he always supported his party ticket.



JOHN A. ANDERSON

His liberal views made him popular with the masses. He then said what has been many times repeated since then—that there was no difference between the two old political parties—that is, no great issues separated them. The railroads and their relations to the public were then being much discussed. A striking statement by Anderson was that the railroads did not own a spike nor rail of their vast mileage—the people had paid for them over and over again, and therefore had a right to control these roads. In those days the railroads defied the people in the words of the first Vanderbilt, "The people be damned."

I am told that there are just two men still living who were on the faculty of 1874, E. M. Shelton, professor of agriculture, and myself. Doctor Walters, for so many years a worthy and honored professor, now retired, is counted one of the oldest college men. I recall very clearly the day when he met President Anderson to discuss the matter of his appointment as a "teacher of industrial drawing."

There were only two literary societies—the Websters and the Alpha Betas, the latter admitting women. There were no fraternities.

In those early years there were no organized athletics and, of course, no gymnasium. In the late afternoons of 1874-1876, the boys would gather on a vacant lot across the road from the old boarding house, or across the road from the only college building (at the old location) and play baseball for an hour or more. They did have a "team." I remember umpiring a game at Topeka between the college team and some Topeka club, which resulted in a score of 18 to 18. There were no pep meetings nor processions of college boys down town. Boy students were not numerous enough to justify such stunts, nor was there anything in student activities to suggest them. The day of modern athletics had not come.

Some of the very best students at that time worked every afternoon on the college farm at 10 cents an hour. Then as now too much money ruined many an otherwise promising boy. But there were no automobiles then to lure young people into sin.

Music Sorority Initiates

Mu Phi Epsilon, honorary music sorority, held initiation recently for Mrs. Dorothy Lampton, Cherokee, student in music, and Hilda Grossmann, instructor in music.

Alfalfa in the hen's rations increases the hatchability of eggs.

TRACK MEN IMPROVE IN LATEST WORKOUTS

HAYLETT PICKS TEAM FOR BIG SIX INDOOR

Miller, Winburn, Lyon, and Walker are Chief Hopes for Points—May Not Compete in Dashes and Hurdles

Steadily improving marks in the trials have given Coach Ward Haylett some hope for his Kansas Aggie track team in the Big Six conference indoor meet at Kansas City Friday, but even at its best he does not expect more than a fair showing. It is a total lack of material in the dashes and hurdles which makes Haylett's problem difficult, as he has fair strength in the distance races and the field events.

Upon H. S. Miller of Kansas City, Kan., will rest much of the Aggie hopes. Miller is specializing in the mile, and recently has cut his indoor time to where it compares with that of Kimport, star miler of other days. Last year the former Argentine high school boy was third in the conference indoor, back of Keith of Oklahoma and Frazier of Kansas. With Frazier specializing in the two mile, Miller's chief competitors in the conference meet are expected to be Putnam, Ames sophomore, Fortune of Kansas, and Christensen of Ames. Miller won both the mile and two mile in a dual meet with Nebraska.

WINBURN WINS HALF

Captain Temple Winburn finished first in the half mile trials, with Will, Skeen, Myers, and McIlvain following in close order. All time in the quarter mile was slow, but an improvement over previous trials. C. E. Nutter led the field, with Kopf and Will tying for second, Ross fourth, and Yeager fifth.

Prospects for the relay team are improved by the showing of Kopf and Will. Winburn and Miller are fairly good quarter milers, and may run in the relay if rested sufficiently from their specialty races.

Backus, a freshman, finished second to Miller in the mile trials, with Gile and Hoynes third and fourth.

WALKER HAS GOOD RECORD

In addition to Miller and Winburn, chief Aggie hopes for points rest with O. H. Walker, Junction City, in the high jump, and George "Babe" Lyon in the shot. If Lyon is "right" he may place well up to the front, as he is capable of doing several inches better than 43 feet. Walker has a high school record of better than six feet, but has not been in college competition long enough to get back to that form. Roehman, the other high jumper, has been doing around 5 ft. 8 inches.

Coleman and Richwine, Wildcat pole vaulters, are good for points in dual meets but scarcely in the conference meet. They are showing improvement, however, and may be up with the leaders in the outdoor season.

Time trials in the dashes and hurdles were to be held Tuesday, and unless marked improvement is shown, no men will be sent to the conference meet in these events.

Initiate Fourteen

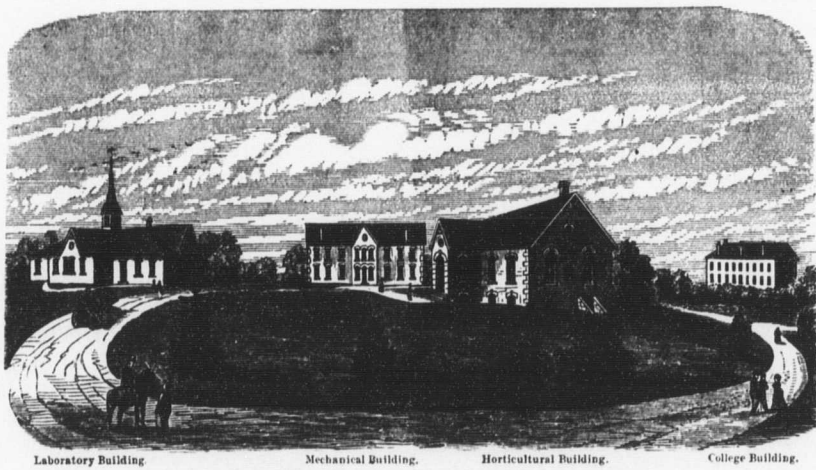
Fourteen students recently were initiated into the K. S. A. C. chapter of Block and Bridle. They are: F. W. ImMasche, Saffordville; S. S. Bergsma, Lucas; Edward Crawford, Stafford; H. H. Smith, Franklin, Neb.; Waldo Wheeler, Williamsburg; A. H. Stephenson, Clements; D. A. Carlson, Manhattan; George Washington, Manhattan; R. W. O'Hara, Blue Mound; Allen Terrell, Syracuse; Clinton Thompson, McCune; F. H. Schultis, Sylvan Grove; R. M. Hoss, Potwin, and P. R. Chilen, Miltonvale.

Four Resignations

Four faculty resignations recently were approved. They were: Miss Dorothy Sappington and Miss Ruth Trant, of the department of physical education; R. W. Titus, assistant professor of chemistry, and E. S. Lyons, assistant professor of soils. Mr. Titus is to go with the Nestle's Food company, and Mr. Lyons with the United States department of agriculture.

THE COLLEGE IN 1877

(From THE INDUSTRIALIST of October, 1877)



The laboratory building, on the site of the present chemistry annex No. 1, housed not only the chemistry laboratory but the "kitchen lab" as well. The mechanical building, a part of the present shops, had the music, sewing, printing, and telegraph departments on the second floor. The horticultural building now houses the illustrations department, and the college building of the picture is now farm mechanics hall. It was then used for chapel and by the literary department. The blacksmith shop and "new barn" are not shown.

THE KANSAS INDUSTRIALIST

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Kansas State Agricultural College, Manhattan, Wednesday, March 6, 1929

Number 21

PASTURE BURNING IS DOUBTFUL PRACTICE

DOES HELP CONTROL WEEDS, ALTHOUGH DATA SHOW

Starts Vegetative Growth in Early Spring—But Unburned Areas Catch up in Mid-Summer—Reduces Hay Crop

That the practice of burning pastures in early spring may be detrimental to some plants is indicated by data compiled by Prof. A. E. Aldous of the college agronomy department and reported in the recently published biennial report of L. E. Call, director of the Kansas agricultural experiment station.

DON'T BURN TOO OFTEN

Though there are some advantages in the practice of burning, the results of the experiments indicate it should be done infrequently as possible. On plots that were burned early in the spring vegetation started earlier and made more growth during the fore part of the summer, but by July 10 the vegetation on unburned plots practically equaled that on the burned areas.

"The investigations conducted last season bear out the conclusions previously arrived at that burning does stimulate early growth," Dean Call's report reads. "Some of the results obtained in 1927 were as follows:

RESULTS OF ONE YEAR

Burning caused a more rapid early growth of the grass.

The number of specimens of vegetation ranged from 7 to 31 per cent higher on the burned than upon the unburned plots in the first part of the growing season.

The number of specimens increased on the unburned plots until on July 10 they nearly equaled the number on the burned area.

While burning increased the early growth of the vegetation, it decreased the total yield of dry vegetation for the season.

The yield of hay on the unburned plots was approximately 20 per cent higher than on the burned plots.

The larger number of specimens of vegetation on the burned plots during the early part of the season may be accounted for by the higher temperatures of the soil on the burned plots.

The temperatures of the soil at a depth of 1 inch averaged 8.2 degrees Fahrenheit higher on the burned than on the unburned plots during the early part of the season.

RETARDS BRUSH GROWTH

Burning had a very noticeable effect upon the growth of the weeds and brush. There were approximately only one-half as many weeds upon the late burned as upon unburned plots.

The time of burning is an important factor in weed control. Late burning is more effective than early burning.

Late burning was also found to be effective in controlling brush.

While it is too early to draw definite conclusions, it appears from the data available that burning is very detrimental to plants that start growth early in the spring. Kentucky blue grass and sedges already have been eliminated from all the burned plots.

When it is necessary to burn prairie grass pasture to remove unutilized vegetation remaining from the previous year the burning should be done as soon as hard freezing weather is over and before vegetation starts growth. This is usually sometime between March 10 and 20 in this section of Kansas.

There are good indications that burning should not be practiced any more often than absolutely necessary to obtain uniform distribution of livestock over the pasture.

WRESTLERS LOSE FINALE TO AMES, BIG SIX CHAMPS

C. H. Errington Wins Only Fall of Dual Meet

The Kansas Aggie wrestling team lost a 15-11 match to Iowa State, Big Six champions, at Ames last Saturday night. Ames won five decisions and the Aggies two decisions and a fall.

The Aggie team finished the season in fourth place, with victories over Missouri and Kansas and defeats at the hands of Nebraska, Ames, and Oklahoma. Oklahoma was second, Nebraska third, Missouri fifth, and Kansas university last. Individual championships will be decided at Oklahoma university, March 8 and 9.

The summary of the Ames meet:

115 pounds—McCormick, Ames, defeated Raymond Patterson, Morrowville. Time advantage 6:45.
125 pounds—Cole, Ames, defeated W.

W. Gosney, Goddard. Time advantage 6:52.

135 pounds—Captain Holding, Ames, defeated Captain Albert Brown, Manhattan. Time advantage 8:16.

145 pounds—S. E. Alsop, Wakefield, defeated Campbell, Ames. Time advantage 3:45.

155 pounds—J. R. Warner, Chapman, defeated Juhl, Ames. Time advantage 2:21.

165 pounds—Schroeder, Ames, defeated Fred Knorr, Manhattan. Time advantage 6:58.

175 pounds—Pontius, Ames, defeated R. McKibben, Kansas City. Time advantage 8:46.

Heavyweight—C. H. Errington, Rul-ton, threw Doty, Ames. Time 3:45.

GRADUATE STUDENTS RELIEVED OF TWO FEES

Will Be Exempt From Sick Benefit and Varsity Activity Collections, Effective Next September 1

Exemption of graduate students from payment of the sick benefit fee of \$3 a semester, by recent action of the board of regents, was announced this week by President F. D. Farrell. The exemption is to become effective next September 1.

Graduate students, who paid the regular varsity activity fee of \$5 at the beginning of the present semester, also will be exempt from that fee, effective September 1, the president said. This is made possible by a recent interpretation of the council of deans, which held that since all activities supported by the Student Governing association are supposed to be undergraduate in nature, the vote of the student association for collection of the fee should be interpreted to apply only to undergraduates.

MISS ELCOCK REVIEWS PARRINGTON VOLUMES

Considers 'Main Currents in American Thought' Suitable as Literature for Adult Education

Liberalism and idealism have had a hard time in America, believes Vernon Parrington, whose two volumes, "Main Currents in American Thought," were reviewed by Miss Helen Elcock in one of the series of English lectures.

Miss Elcock explained that the man who could be football coach and professor of English at the same time, as Parrington was at the College of Emporia before going to the University of Washington, could also write an interesting and thoroughly documented book.

Parrington traced the religious, economical and philosophical "currents," some of them liberal and others quite the opposite, which he found in a study of the history of American thought.

The books are considered by Miss Elcock to be in harmony with the recent attempts to understand the present in terms of the past surveyed over long periods of history, and are a contribution to the literature for adult popular education.

GOVERNOR CLYDE REED ASKED TO SCRIBBLERS' SCRAMBLE

W. Y. Morgan Also Among Invitees to Journalism Dance

Governor Clyde M. Reed, W. Y. Morgan, chairman of the state board of regents, and other prominent Kansas newspaper men have been invited to attend the annual Scribblers' Scramble, which will be held on March 22 at the Wareham hotel ballroom. Theta Sigma Phi and Sigma Delta Chi are sponsoring the dance.

A feature of the evening will be the presentation of the winners in the popularity contest. The most popular young man and woman will be chosen from the following list of candidates, by journalism students: Margaret McKinney, Great Bend; Helen Sloan, Hutchinson; Esther Rocky, Manhattan; Gladys Suiter, Macksville; and Catherine Halstead, Manhattan; John Chandley, Kansas City; John Watson, Frankfort; Milton Allison, Great Bend; Ralph Lashbrook, Alma; and Solon Kimball, Manhattan.

NO INDECISION AMONG SENIOR 'AG' STUDENTS

EACH KNOWS WHAT HE'LL DO AFTER GRADUATION

Of 71 Majors in Division Only Three Will Forsake Industry for Which They Have Been Trained While in College

There is no indecision in the minds of 71 seniors in the division of agriculture at K. S. A. C. as to what they will do when they complete their college education. Dean L. E. Call recently has interviewed each one of the seniors and has learned just what each plans to do.

TO STAY BY AGRICULTURE

A high percentage of the group, 26 of them, plan to start farming, so each is certain as to what he will be doing upon graduation. Fourteen of the 71 will go into commercial work related in some way to agriculture—some into dairy manufacturing, some into landscape gardening, the grain industries, and others into similar work allied to agriculture.

Thirteen will become teachers with the majority of them devoting their time to vocational agriculture. Seven of the agricultural seniors plan to go into extension work as county agents, boys' and girls' club workers, or in similar capacities. Four plan definitely to continue graduate study and another four will do investigational work at experiment stations.

BACK TO FARM LATER

Only three of the entire group will enter work unrelated to agriculture. One of these will become an officer in the United States army devoting his interests to aviation. One student who has been particularly successful in selling aluminum ware will practice his salesmanship for a while before returning to the farm. The other of the three will travel with his parents to Alaska and other northern territories for a few months after graduation. Eventually he will become affiliated with a creamery concern.

Dean Call finds many openings where graduates may begin. For example, the United Fruit companies has asked that three men be recommended for positions with their company, though only one Aggie student was sufficiently interested to apply for the positions which are unusually attractive, according to Dean Call.

LYON ONLY AGGIE WINNER IN BIG SIX INDOOR MEET

Miller Places in Mile, Walker in High Jump

Though George "Babe" Lyon of Manhattan threw the shot 45 feet 8 1/2 inches to win his event, the Kansas Aggie track team was last in the indoor Big Six conference track meet in Kansas City last Friday night. Lyon's toss was the best he has ever made in competition.

Oklahoma won the meet with 39 points. Iowa State was second with 36, Kansas U. third with 16 1/2, Nebraska fourth with 16, Missouri fifth with seven, and the Aggie total was 6 1/2. H. S. Miller, Kansas City, was fourth in the mile and O. H. Walker, Junction City, tied for fourth in the high jump.

Putnam, Iowa State, broke the mile record of 4:25.8 held by Kimport of K. S. A. C., his time being 4:22. Parker Shelby of Oklahoma set a new high jump record of 6 feet, 3 1/2 inches.

SWIMMING TEAM SPLASHES TO THIRD IN BIG SIX MEET

C. M. Rhoades Second in Fancy Driving Competition

The Aggie swimming team was third in the first Big Six conference swimming meet at the Kansas City Athletic club last Friday. The meet was chiefly a contest between Iowa State, which won first with 54 points, and Nebraska, which was second with 46. The Aggies scored 9

points, and Kansas university 6.

C. M. Rhoades, Newton, took second place in the fancy driving competition. A. D. Buckmaster, Manhattan, was fourth in the same event.

W. E. Balderson, Wamego, was fourth in the 150 yard backstroke. The Aggie free style relay team, composed of Buckmaster, Balderson, Rhoades, and G. C. Livingston, Hutchinson, took third.

FARM HOME BEAUTY, AIM OF NEW PROJECT

Litwiller Starts Extension Division Demonstration in Three Counties—New Landscaping Course Offered

Introduction of a five year project for the beautification of the grounds around farm homes has been accomplished in Clay, Franklin, and Kingman counties, according to Earl M. Litwiller, associate professor of horticulture, in the division of college extension. Similar work is planned in other counties.

The new project calls for the use of five or more farm homes in each county, to be used for demonstration purposes. The owners have agreed to cooperate by using suitable plants and making the changes suggested by those in charge. Home demonstration agents and local farm bureaus are assisting in the project.

Litwiller has visited each county once to arouse interest and select the demonstration homes. He plans to make a second trip in March or April to supervise planting. A third inspection will be made in the summer.

A new non-credit reading course in landscape gardening has been introduced to supplement Litwiller's work.

A series of radio talks on landscaping and floriculture was started February 27, from station KSAC.

DEFERRED PLEDGE QUESTION DEBATED AT CONVOCATION

College Negative Team Meets University Affirmative

The question of whether students should be required to wait for a year after entering college, before pledging a fraternity or sorority, was discussed in student assembly last week by debate teams of the college and the state university.

The question was "Resolved: That sophomore pledging should be used at K. S. A. C." John Correll, Manhattan, and Eugene Mangelsdorf, Atchison, took the negative side, for the college. Henry Asher and Jack R. Morris took the affirmative, for the university. No decision was given. The debate was sponsored by the faculty council.

THEODORIC PARTY WINS SPRING CLASS ELECTION

Democras Loses All but Six of 22 Offices

The Theodoric party swept the class elections at the college last week, winning all but six of the 22 offices. A third party, the Bon Ami, organized at the last minute, was "whitewashed."

Winning candidates were:

Senior—president, A. H. Hemker, Theodoric, Great Bend; vice-president, Mabel Paulson, Theodoric, Whitewater; secretary, Victor Palenske, Democras, Alma; treasurer, Charles F. Sardou, Theodoric, Topeka; marshal, Wayne McCaslin, Theodoric, Osborne; devotional leader, Fred True, Democras, Perry.

Junior—president, T. M. Evans, Democras, Gove; vice-president, Opal Thurrow, Theodoric, Macksville; secretary, Margaret Canham, Theodoric, Kansas City, Mo.; treasurer, Charles Brainard, Democras, Manhattan; marshal, A. H. Freeman, Democras, Manhattan.

Sophomore—president, Norma Koons, Theodoric, Sharon Springs; vice-president, E. E. Stockebrand, Theodoric, Yates Center; secretary, Dorothy Obrecht, Theodoric, Topeka; treasurer, H. E. Trekel, Theodoric, Belle Plaine; marshal, E. C. McCune, Theodoric, Stafford.

Freshman—president, P. E. Fairbank, Theodoric, Topeka; vice-president, Charlotte Remick, Democras, Manhattan; secretary, Vera Ewersox, Theodoric, Great Bend; treasurer, K. W. Slaughter, Theodoric, Manhattan; marshal, E. L. Aufer, Theodoric, Norcatu.

TEN COMPLETE SHORT COURSE REQUIREMENTS

WILL GET CERTIFICATE NEXT COMMENCEMENT

Forty-three Finish Thirtieth Annual First Year Term for Farmers—Charles Grimm, Caldwell, Was President of Class

Fifty-three young farmers completed the Kansas State Agricultural college's thirtieth annual farmers' short course Saturday, March 2. Of these 10 were second year students who had fulfilled requirements for the two year short course certificate. Their names, which follow, will be on the college commencement programs next May when certificates will be awarded. The two year men: Lorin Y. Bradshaw, Langdon; Harry B. Garard, Olivet; Charles T. Grimm, Caldwell; Floyd D. Guyer, Bloomington; Irvin R. Guyer, Bloomington; H. Nelson Kilbourn, Sterling; Joseph W. McFarland, Sterling; Dwight B. Robb, Dodge City; Dale W. Schweitzer, Osborne; and Lewis C. Schweitzer, Osborne.

ISSUED CLASS DIRECTORY

The annual banquet given at the college cafeteria last Thursday night was attended by the short course men and many of their instructors. At the close of the term a farmers' short course directory was issued under the direction of Hugh Durham, faculty advisor for the group.

The short course students elected Charles T. Grimm, Caldwell, president of the class; Dwight B. Robb, Dodge City, vice-president; and H. Nelson Kilbourn, Sterling, secretary-treasurer.

They organized a basketball team early in the eight weeks term and played numerous games with college intramural teams, the Manhattan DeMolay team, and Manhattan church teams. Julius E. Blades, Minneapolis, was manager of the class athletics and Orren L. Karr, Americus, was basketball captain.

THE FIRST YEAR STUDENTS

The 43 students who completed the first year eight weeks course follow:

Mahlon M. Beachey, Yoder; Merrill J. Behnke, Bushton; Julius E. Blades, Minneapolis; Howard A. Blubaugh, Burrton; Melvin R. Cairns, Greenleaf; Ray R. Conger, Manhattan, Clifford C. Granston, Ness City; A. W. Elliott, Minneapolis; C. Vernon Glassburn, Freeport; Arville G. Gordanier, Randall; Lawrence Habiger, Bushton; Glen L. Harris, Hoyt; Frank L. Hart, Macksville; R. Everett Hoffman, Cawker City; Raymond C. Hoglund, McPherson; G. Ray Horton, Madison; Harold L. Horton, Madison; Orren L. Karr, Americus; Fred J. Kline, Kanopolis; Chester L. Lewis, Alton; Alvin L. Loomis, Burdick; Charles E. Lowry, Logan; Bohman H. Mack, Narka; Fredrick W. Millenbruch, Herkimer; Earl W. Miller, Rossville; Dee L. Northcutt, Cheney; Loren C. Northcutt, Copeland; Walter G. Olson, Herndon; Emil F. Peeks, Marysville; Clyde C. Reed, Kanopolis; Albert L. Reichle, Riley; Vernon E. Ritz, Cawker City; Orville W. Robson, Abilene; Ralph Rolfs, Lorraine; Homer Rundle, Clay Center; Harry G. Schlickau, Haven; Donald Shannon, Powhattan; Glen Siegle, Manhattan; George Steigleder, Broughton; Rolf Stein, Havana, Cuba; E. P. Suderman, Hillsboro; William A. Van Lew, Wakefield; and Paul W. Zimmer, Dodge City.

PHI BETA SIGMA ACT WINS AG ORPHEUM COMPETITION

Phi Sigma Kappa Second in Y. M. C. A. Vaudeville

Phi Beta Sigma, fraternity for negro men, won first place among the acts presented at the annual Aggie Orpheum, given under auspices of the college Y. M. C. A. Friday and Saturday night. "Something Spooky" was the title of the Phi Beta Sigma act.

A musical revue, "Christopher Columbus," won second place for Phi Beta Sigma. The acts placing first and second, and "The Sweetheart Shop," presented by Chi Omega, will be staged for three nights at a local theatre. Cash awards of \$15 and \$10 were given for first and second places.

Total attendance was nearly 2,200, one of the largest crowds ever to attend the production. F. W. Immasche, Saffordville, was manager.

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F. E. CHARLES, LILLIAN HUGHES, NIS-
WAGNER, R. I. THACKERY..... Assoc. Editors
KENNETH FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY MARCH 6, 1929

MIGHT MAKES RIGHT

We who have slipped surreptitiously into the ten cent store and furtively hoped that none of our friends would chance along at the wrong moment, may now hold up our heads, sail grandly in and demand service of the always incompetent girl at the pearls and diamonds counter.

At least it must now be proper and entirely harmless to prestige, for no less a person of pomp and elegance than the Queen of England has gone shopping in the "three and six penny," as the five and ten is known in London.

The Queen is reported to have paused in long deliberation over a strand of Woolworth's pearls but finally repressed vanity and turned to the book counter. There she bought five detective thrillers, presumably for the entertainment of the convalescing king.

And boys have been spanked for reading dime novels in American haylofts!

LET BUGGIES BE RELICS

It was Saturday afternoon and farmers' day in the small country town. The hitching post around the park was lined with patient looking horses harnessed to dilapidated buggies and mud splattered carriages that had been elegant before a long weathering beside other cast off farm relics down by the old apple tree. A Kansas scene, February, 1929—not 1890.

Pavement under horses' feet was an incongruity. So long a line of buggies was a sight sufficiently unusual to cause curious glances and reminiscent ejaculations from residents in the town who were made suddenly aware that the gulf between the town and country dweller, which they had almost forgotten had ever existed, is not quite breached in spite of twentieth century developments.

Muddy roads still isolate the man and woman in the country on "bad" days, handicapping their normal communication with trade, educational, and social centers.

It is very fitting, however, that in the "worst February since 1914" the state should pass a bill which will lead to extended surface highways and improved connecting roads.

The New Englander may still be content snowbound for the winter, but the aggressive middle westerner considers roads which defeat his plans at every whim of the weather to be inefficient, exasperating, and altogether intolerable.

THE BEAUTIES OF NATURE

"Women on farms, said the dulcet voice over the radio, "don't appreciate the opportunity they have of enjoying the beauties of nature. They go blindly about their tasks, not lifting their eyes to the sky nor seeing the beautiful views which surround them."

Yes? Well, today I got up at four o'clock. The first thing I did was to milk ten cows and, believe me, you can't look around you very much when you milk our cows—they kind of don't like you to be inattentive and, if you are, they like to do

playful little things, such as putting their feet in the bucket.

After milking, with the help of the oldest pair of twins, I got a big breakfast for fourteen. After breakfast the girls and I packed ten lunch baskets and the children were off to school.

Then there was the cream to separate and the chickens to take care of. After that I washed the dishes, made the beds, tidied the rooms, and cut out five blouses for the boys. The clock struck eleven and I had to hurry to get dinner ready. Dishes, again. Then I went out and ran the tractor. They were short of help. I went back to the house to get supper. I thought, "Now I will look up and see the sky." But there was a crick in my back. I did notice, though, that the sky was red in the west; so, thank goodness, we'll have a clear day tomorrow. It's no joke to dry the washing for fourteen in the stuffy house.

Please let us hear no more about farm women not appreciating the beauties of nature.—Mrs. H. B. M., in Farm and Fireside.

LINENS, GLASS, CHINA

A display of old American china, glass, and linen, and of china from other countries has been added to the permanent exhibits in Calvin hall. It contains such interesting things as a set of pewter, including a plate, pitcher, and a sugar bowl, a blue Delft plate from Holland, and a valuable Staffordshire plate. There is an old plate with a water hen pattern, a drinking glass of hobnailed glass, and a carved wooden nut bowl from Switzerland.

Miss Mary Purcell of Manhattan has given the Staffordshire plate as a permanent loan to the collection. She has also given the old water hen pattern plate, and a little blue sauce dish which was first used in 1840.

A piece of blue Delft has been loaned to the exhibit by Miss Martha Pittman, as well as the linen damask tablecloth which looks as new today as it did 50 years ago, partly because it has never been used as there were no matching napkins. It is of yellow and white patterned damask, with a wide fringe.

Many interesting pieces of glass are in the collection, which includes several stately goblets, two unusual small glass dishes resembling leaves, and a small bowl which is believed to be Sandwich glass. A glass cake plate perched on a tall stem is a reminder of the day when pound cake was popular. A fruit bowl, also of glass, is supported by a slender column of glass. A glass butter dish, in generous proportions, and a glass bowl which probably was used to display canned fruit to advantage, are to be seen.

Another center of interest is a complete outfit of "seasoning" receptacles, including the pepper shaker, salt cellar, vinegar cruet, sauce container, and even the toothpick holder all suspended on a tray and lifted by one handle. Also included is a glass fruit jar with a glass top, presented by Mrs. Emmelin W. Crumb, who has used the jar continuously since 1880 without having had any spoilage of food.

Pieces in the collection are either loaned or given to the department, and are for the most part single pieces either odd, unusual, or of value because of age and scarcity.

Those willing to loan valuable old china, glass, or linen for the exhibit are requested to notify the department of food economics and nutrition, which is sponsoring the exhibit.

THE 'TALKIES'

It is a sad reflection on the limitations of intellectuals and artists all over the world to see history repeat itself in the contemptuous resentment with which they are greeting the arrival of the talking picture. Just as 20 years ago when the silent movies began to stir the world, so today the patrons of art and the theater refuse to see in the talking picture anything but another vulgar product of our machine civilization. But so, too, does history repeat itself in the eagerness of the commercially minded not to miss their share in the windfall of the talking pic-

ture, however little they may understand the problems which arise from the use of the new medium, or be able to see where to look for their solution. Thus, between the incompetence of the commercial entertainer and the superior self righteousness of the intellectual, the talking picture is apparently doomed to grope blindly for several years before it reaches anything that may be properly described as an original form of drama. That it will reach this goal eventually does not seem to me in the least doubtful. —Alexander Bakshy in the Nation.

of its own water each day, for all purposes.

J. Z. Martin, a sophomore, made a talk on "The Next Step in Politics" at a Democratic banquet at Topeka, at which he was a guest.

The junior girls of the home economics course were to visit the Wolff packing house and a number of furniture stores. They were to be chaperoned by Dean Van Zile and Misses Russell and Weeks.

THIRTY YEARS AGO

W. J. Yeoman, '93, who was engaged in mercantile trade at Man-

Salaries Low by Comparison

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The estimates call for an annual appropriation of \$798,000 for the payment of salaries. This is an increase of \$149,000 a year over the current appropriation. The increase requested seems large, but it is entirely reasonable when all the circumstances of the case are considered. The legislature has not increased the appropriation for salaries since 1923. Since that time the enrolment of resident students at the college has increased by about 300 and there have been other important increases in the demands for service in research and in other activities for which the public properly looks to the college. The difficulty has been mitigated somewhat by the action of the board of regents in authorizing an increase in the incidental fee which resident students are required to pay, but this small increase has been wholly insufficient to maintain the salary scale at a level which would enable the college to retain the services of its best personnel against the competition of other scientific and educational institutions. The principal competing institutions are about 20 other land grant colleges and the United States department of agriculture.

Since 1923, when the legislature made the last increase in the appropriation for salaries, the salary scale has risen materially in virtually all competing institutions and in the federal department of agriculture. A tabulation comparing the average salaries paid at the principal competing institutions in other states with those paid at this college will show the wide discrepancy that now exists. By tabulating the average salaries paid at a group of land grant colleges in 18 other states, including the four states surrounding Kansas, and comparing the average of those institutions with the average at this college, the following figures are obtained:

| Institutions | Average Salaries— | | | |
|---------------------------------------|-------------------|---------|---------------|--------------|
| | Deans | Profs. | Assoc. Profs. | Asst. Profs. |
| Average of 18 institutions, 1927-'28* | \$6,091 | \$4,323 | \$3,331 | \$2,708 |
| K. S. A. C., 1928-'29 | 5,100 | 3,500 | 2,800 | 2,300 |
| Difference..... | \$ 991 | \$ 823 | \$ 531 | \$ 408 |

* The land grant colleges of California, Colorado, Illinois, Indiana, Iowa, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Jersey, Ohio, Oklahoma, Oregon, Pennsylvania, Texas, Washington, and Wisconsin.

SHAKESPEARE AND SOME BOYS

The recent biography of Bishop Quayle, whose nature essays were widely known, tells how he saved up all the small coins he got, for he was a poor boy, and bought a copy of Shakespeare, which he read as he plowed. He threw the horses' reins round his neck, then headed the team in the right direction and read Hamlet till they struck the fence on the other side of the field. Then turning the horses round, he set them on their return journey, while he returned to Shakespeare. In that way the poor farm lad educated himself and presently made his way to the university, though while there he had to work on a farm for his board.—Christian Science Monitor.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

W. L. Sweet, '14, was living in Orville, Cal.

Captain Joseph Sweet, '17, was stationed at Atlanta, Ga.

Walter F. Smith, '15, was manager of the Farmers' union at Leonardville.

Lieutenant Tom Toothaker, '15, was visiting in Manhattan. He had recently returned from overseas.

TWENTY YEARS AGO

Prof. Albert Dickens planned a forestry plantation for the Industrial institute at Topeka.

Jacob Lund, heating engineer, said that the college used 30,000 gallons

kato, was a visitor at the college.

Emmett V. Hoffman, '98, and Beulah Brown, f. s., were married at the home of the bride at Leavenworth.

J. O. Tulloss was elected manager of baseball interests for the season of 1909 and G. F. Wagner was made general manager for the athletic association.

Miss Harper addressed the Farmers' club of the college on "Dairying in Sweden and Norway," speaking chiefly from her own experience and observations.

FORTY YEARS AGO

J. B. Brown, '86, was present at the college social.

The department of the interior furnished the library with 600 volumes, which are being arranged on the shelves.

Mrs. R. M. Clark, mother of Grace Clark, a former student, died of heart failure, following an attack of pneumonia.

FIFTY YEARS AGO

President John A. Anderson was succeeded by Prof. E. M. Shelton as editor of THE KANSAS INDUSTRIALIST.

The following persons visited the college: Mrs. A. Whitcomb, Lawrence; Nellie Harvey, Wichita, accompanied by Miss Lancaster; Doctor Thayer, Keokuk, Iowa; Mrs. M. H. Jaquith, Milford; Senator Dow and friends; Judge D. J. Brewer of the Kansas Supreme court; W. H. Sotham, Detroit, Mich.; G. C. Wilder, Doctor Ward, Mrs. Judge Harper, and Jessie Allingham, of Manhattan.

TO A FRIEND ESTRANGED FROM ME

Nora B. Cunningham

"Today has seen the setting, in your eyes cold and senseless as the sea. Of friendship better than bread, and of bright charity That lifts a man a little above the beasts that run.

SUNFLOWERS

H. W. D.

FEMAMERICANA

EVALINA

Evalina,
You crazy disaster
On your way
To happen to some poor fool,
Have a heart.

Fire,
Floods and tornadoes,
The loss of hands, eyes, or feet,
Crumpled fenders
And other bits of bad luck
Are insurable risks.

But as yet
There's no policy
Covering marriage
To the likes of you,
Evalina.

HELEN OF TROYVILLE

Girl of a thousand dreams of bliss,
Girl of a thousand lovers,
How in the world do you explain
This power that around you
hovers?

Surely it's not your bovine grace,
Nor the line you've learned by rote,
And I doubt very much that your
face would launch
Much more than a shanty boat.

But ever you tell of beaux who've come,
And sigh for lovers who've gone,
And hint at the anguish they endure
As hopelessly they move on.

I get you not—I fear your chatter
With madness is alloyed.
Perhaps we'd better turn the matter
Over to Doctor Freud.

MAYBELLE

I have known girls
Who reminded me of fawns,
And others
Who were crimson roses;
Still others,
If I remember aright,
Have made me think of evening
stars,
Bluebirds, opals, cigarettes,
Cows, cretonne, Lombardy poplars.

It's funny
What girls remind one of.

But you, my dear,
Are different—
You are a diamond bracelet
On sale for one ninety-eight
At Rosenthal and Strouse,
Third aisle to the right.

GERTRUDE

In fifty years and more
Of none too gentle life
One would learn,
I should think,
To behave
Like something other
Than bromo seltzer.

CONSTANCE

Throughout these many years
You've been old lace
And mellow music
And September.

But now
I want bright chintzes
And raucous jazz
And April,
With blustery showers
And sudden sun.

ADELAIDE

Two and two make four, you say,
And three and two make five;
You think in such a perfect way—
Yet never do arrive.

Two and three make five, I grant,
And two and two make four;
And five and four make nine—but
can't
You tell me something more.

Tell me something not so true,
Why is the rose so red?
And what of that star in the sky so
blue?
And what of this day that's dead?

It's the pigment in the petals, eh?
And the star's a distant sun?
And sunset caused the end of day?
Oh, Lord! Ain't I got fun!

AMONG THE ALUMNI

A. L. Berry is in business at Merriam, Kan.

E. W. Cudney, '07, is farming at Trousdale.

Mabel D. Patton, '26, is teaching in Harper.

J. E. Lenau, '26, is at 115 North Randlett, Hobart, Okla.

Marguerite Bignall is spending the winter in Wamego, Kan.

Robert W. Clothier, '97, is now at Gridley, Cal., Box 205.

Shirley N. Rogers, '23, is practicing law in Goodwell, Okla.

Zerita Wilson, '28, is teaching home economics at Attica.

B. P. Bowman is principal of the rural high school at Woodston.

Ella M. Meyer, '07, is home demonstration agent for Franklin county.

A. B. Haines, '24, is now located at 1900 Ralston street, Independence, Mo.

A. Alfreda Honeywell, '23, is dietitian for the Alta Bates hospital in Berkeley, Cal.

Edith A. Holmberg is a home demonstration agent for the Ohio State university, Columbus, Ohio.

H. L. Cudney, '09, and Gertrude (Stone) Cudney, '97, are successfully engaged in farming at Trousdale.

Chauncey Bickle, f. s., is located at Linn where he is a tester for the Dairy Herd Improvement association.

Carl H. Miller, '28, is working for the O'Bannon Brothers Electric Refrigeration company of Little Rock, Ark.

William Moreland, '28, is working as landscape architect for the Bebb Floral company at Muskogee, Okla.

Esther M. Cormany, '26, is teaching in the Junction City Junior high school. Her address is 301 West fifth street.

H. E. Newhouse, '15, is an engineer with the Westinghouse Electric and Manufacturing company, Springfield, Mass.

Walter D. Gardner, '20, is working as cattle market reporter for the Drover's Journal in Chicago. His address is 6752 Clyde avenue.

Dr. F. R. Allerton, '25, is now located at 6655 De Longpre, Hollywood, Cal. He is with the Hollywood Cat and Dog hospital.

Abbie C. Dennen is employed in the research laboratories of the Sears Roebuck company in Chicago. Her home is at 4349 Gladys avenue.

J. H. Church, '28, is junior engineer with the Coast and Geodetic Survey in Washington D. C. His address is Room 503, Y. M. C. A.

W. G. Bruce is assistant entomologist for the bureau of entomology of the United States department of agriculture, stationed at Fargo, N. D.

Elizabeth Burnham, '17, is working toward her master's degree at Columbia university. Her address until June will be 106 Morningside Drive, New York City.

Eva (Alspaugh) Zercher, '09, now lives at Mt. Vernon, Tex. She has a son in high school and a daughter, who is making a brilliant record, at the University of Texas.

Mary Irene Bailey has a fellowship at Columbia university in the department of chemistry under Dr. H. C. Sherman and is doing work leading to the Ph. D. degree.

Ronald V. Hutton, f. s., is a traveling representative for the Portland Cement company with headquarters in Topeka. At present he is recovering from an illness of several weeks duration.

Lelia Ruth McMurtry, '18, is head of the department of clothing at Friends university, Wichita, and makes her home at 1630 University avenue. In 1926 she received her master of arts degree from Columbia university.

P. L. Fetzer, '20, and his achievements were recently featured in the "We Point With Pride" column of the Westinghouse Electric and Manufacturing company house organ. Mr. Fetzer is manager of a sales section in the South Philadelphia plant.

Herbert M. Low, '24, is now located at Estacion Federico Lacroze, care of Dwight P. Robinson, y Cia, Buenos Aires, Argentina.

H. M. McNiff, '27, is a transmission engineer with the Paramount-Famous Players-Lasky corporation of Hollywood, Cal. He lives at 5843 Gregory avenue.

LOOKING AROUND

KENNEY L. FORD

Thirteen alumni have made final payment or pledged life memberships in the K. S. A. C. Alumni Association during February.

Emma Whitton Visits Chicago

Emma S. Whitton, '20, writes interestingly from Whiting, Ind., where she is teaching biology and mathematics in the senior high school.

"It is quite thrilling and convenient to be so near Chicago though I have been too busy to take advantage of it. There is a good K. S. A. C.

RECENT HAPPENINGS ON THE HILL

Five K. S. A. C. wrestlers, not members of the varsity team, put on an exhibition match at Clay Center high school February 27.

John Correll, Manhattan sophomore, will represent the college in the Missouri Valley oratorical contest in St. Louis, March 21.

The annual exhibit of outstanding work done in the design and costume design classes can be seen in the college library until March 16.

The staff of the Kansas State Collegian, and members of the faculty of the journalism department were entertained with a banquet sponsored by the Collegian board last Wednesday at the Wareham hotel.

Manuscripts will be accepted in the annual spring membership try-outs for Ur Rune of Quill club, up to March 21. Original manuscripts, including light essay, short story, and poetry forms, may be submitted to Prof. R. W. Conover.

The "most handsome man" in the engineering division of the college will be chosen by vote of the coeds attending the St. Pat's prom, to be given in Nichols gymnasium March 16. The prom replaces the annual Slide Rule Slide dance.

Strict enforcement of the college rule against the use or possession of intoxicants is being continued, with the suspension last week of three students until next August 1. They were T. M. Heter, Sterling; Ward Colwell, Onaga; and William Walker, Goodland.

Recent initiates to the Ionian literary society are: Doris Butrum, Holton; Frances Conard, Ottawa; Elsie Tempero, Clay Center; Mabel Roepke, Manhattan; Daphne Smith, Hamlin; Lavone Goheen, Oak Hill; Pauline Samuel, Manhattan; Frieda Sloop, Lyndon; and Anna Reed, Kanopolis.

Eurodelphian literary society last week initiated the following 10 pledges: Evelyn Lindsey, Winchester; Miriam Eads, Cullison; Ruth Lattimore, Westmoreland; Ruth Graham, Manhattan; Leah Schreiner, Ramona; Alice Brill, Westmoreland; Louise Ross, Goodland; Erna Coleman, Mayetta; Electa Hull, Manhattan; Aileen Hull, Manhattan.

The following eight girls are to be candidates for the posts of honorary colonel and honorary majors of the cadet corps: Margaret Canham, Kansas City, Mo.; Hilah Crocker, Manhattan; Helen Hawley, Manhattan; Mildred Huddleston, Fulton, Ky.; Pattie Kimball, Manhattan; Ferne Moore, Blue Rapids; Elsie Nuss, Hoisington; and Mildred Purcell, Manhattan. They were nominated in primaries, in which all members of the R. O. T. C. were allowed to vote.

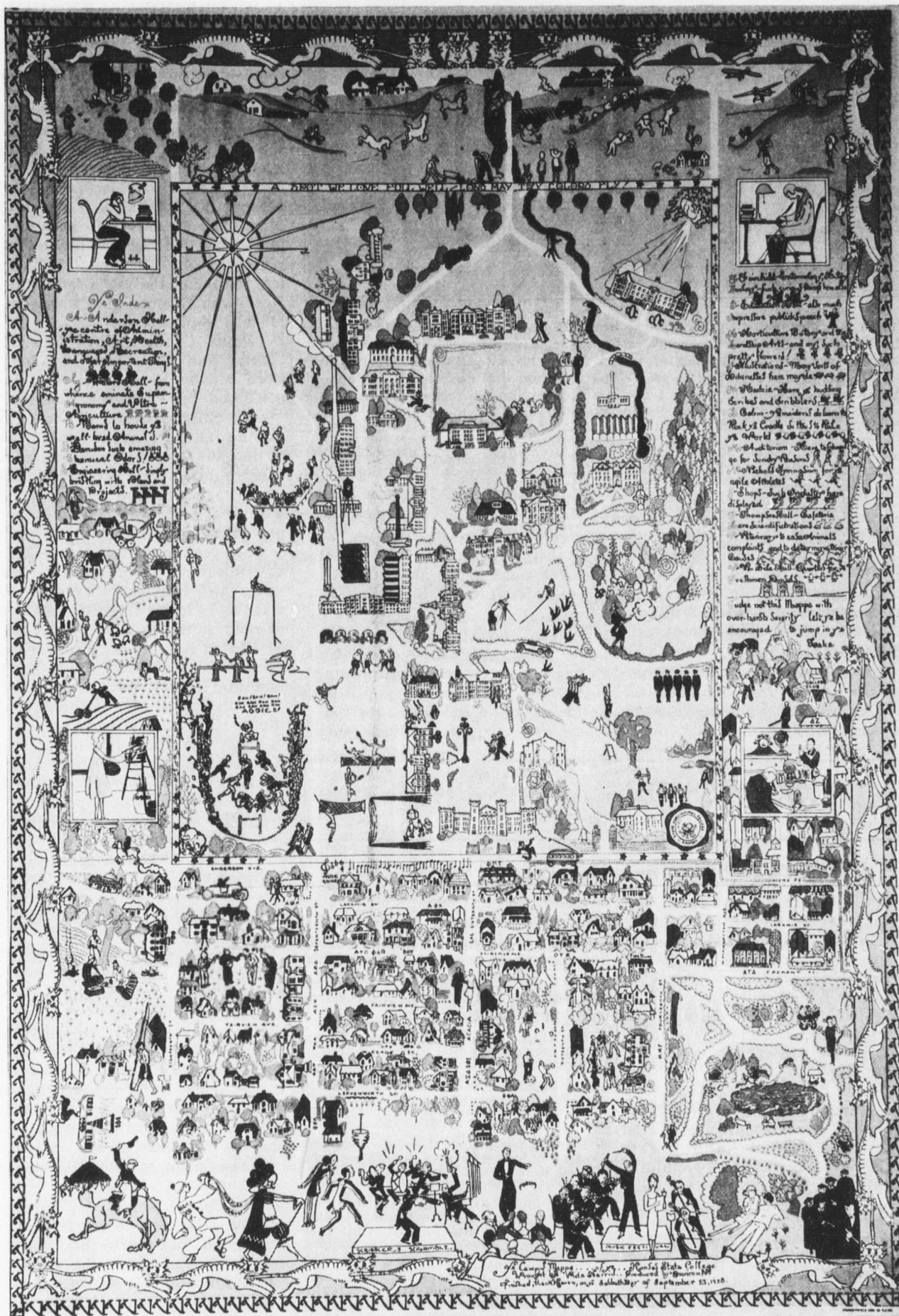
Kansas City Alumni Elect

The Greater Kansas City organization of Aggie alumni met at the Kansas City Athletic club, Kansas City, Mo., February 11, to enjoy a very happy evening of visiting and to hear an interesting address from Dr. Howard T. Hill, head of the department of public speaking, K. S. A. C. About 60 alumni, ranging from the class of '79 to '28, were out to hear Doctor Hill's discussion of recent happenings and of the new developments at the college.

During the business session presided over by President H. F. Hemker, '23, the following new officers were elected for the coming year: President, L. J. (Rocky) Bryan, '22; vice-president, E. W. (Jack) Frost, '20; and secretary, Mrs. Maude (Lahr) Trego, '22.

The Kansas City alumni are planning a program of activities to arouse the interest of all the alumni in and around Kansas City to attend future meetings. Such a program benefits directly both the alumni and the college.

Ye Campus Mappe



Some idea of "Ye Campus Mappe" as produced by Omicron Nu can be gained from the above reproduction. The map is lithographed from the original made by Miss Vida Harris, of the applied arts department. It shows, in humorous vein, the college and principal points of interest nearby. The maps are 36x24 inches, done in a triad color scheme, which is carried out in three colors with two values for each color, making a six-color effect. Colors used are yellow-green, red-orange, and blue-violet. The maps make attractive wall decorations.

The maps are on sale for \$1.25 each on the campus, or \$1.35 by mail. Out of town orders will be filled by the Omicron Nu Map committee, Calvin hall, K. S. A. C.

DEATHS

SNYDER

Dora (Van Zile) Snyder, f. s., and wife of Edwin H. Snyder, '88, died in Denver on February 12 of pneumonia. At the recent Denver meeting of Kansas Aggies Mrs. Snyder was elected vice-president of the Colorado group. She was always a loyal supporter of the college. She was a sister-in-law of Dean Mary Pierce Van Zile.

KORSMEIER

Fred A. Korsmeier, '15, died in a Manhattan hospital on March 3 following a week's illness with pneumonia. For the past two years he had been city engineer of Manhattan and before that time was connected with Black & Veatch, consulting engineers of Kansas City. His wife, Esther (Zeininger) Korsmeier, '15, and son Robert, 7, survive him.

sociation during February. The alumni loan fund is growing and is helping more students who are in need of financial assistance. However, the demand for funds still exceeds the supply, for during the month of February five applications were approved subject to funds available.

The 13 additional life members are:

Lucy (Cottrell) Pottorf, '98, Riley; A. J. Pottorf, '99, Riley; E. J. Otto, '16, Riley; Rose T. Baker, '17, Philadelphia, Pa.; Rose (Straka) Fowler, '18, Chicago, Ill.; Herbert Bales, '23, Riley; J. F. Sheel, '25, Altamont; Christie C. Hepler, '26, Altamont; Fred W. Schultz, '26, Hampton, Va.; Wilma Hotchkiss, '27, Herndon; Kennis Evans, '28, Chicago, Ill.; Daisy Osborn, '28, Chase City, Va.; Wesley E. Swenson, '29, Schenectady, N. Y.

Harold I. Hollister is statistician for the department of agricultural economics at K. S. A. C.

Alumni association in Chicago. I attended one of their parties and had a fine time. Visited with Edith (Findley) Tate, '18, last year. She is in New York now."

McCampbell to Wichita

Dr. C. W. McCampbell, head of the department of animal husbandry, is in Wichita this week attending the annual meeting of the Kansas Livestock association, of which he is vice-president. Doctor McCampbell has arranged a Friday noon dinner and social meeting for all former Aggies who are attending the livestock meeting.

Junior-Senior March 27

Special lighting and decorative effects are promised for the annual Junior-Senior prom, according to Karl Pfuetze, Manhattan, the manager. The prom will be at the Hotel Wareham ballroom, March 27.

AGGIES FINISH SEASON WITH WIN OVER K. U.

OVERTIME PERIOD NECESSARY TO
DECIDE 36-35 GAME

Victory Puts Participants in Tie for
Last Place; Score Knotted Eight
Times Before Skradski Makes
Winning Shot

In a game which was tied eight times and required a five minute playoff to determine the winner, the Kansas Aggie basketball team defeated Kansas university 36 to 35, at Manhattan Tuesday night.

Only last place standings in the Big Six conference were affected, but the game might have been for the national championship, so furiously did the two teams battle. By winning the Aggie team pulled into a tie with the university for last place in the conference. Oklahoma won the title in straight games, and Missouri was second with three defeats.

JAYHAWKS LED AT HALF

At half time the university led the Wildcats 19 to 18. Early in the third half the shooting of Bishop and Thomson enabled the Jayhawks to get a 30 to 25 lead, the largest enjoyed by either team during the game.

Just before the game ended Cox, university guard, fouled and Nigro tied the score with a free throw, at 32-all. Kermit Silverwood, Ellsworth, sub forward, had just shot a long basket to enable the Aggies to stay in the running.

Bishop shot a goal from the center on the tip-off in the extra five-minute period, but Silverwood again came to the rescue with a basket. Then Captain E. J. Skradski, playing his last game for the Aggies, sunk a hurried shot from past the free throw line, making the score 36-34.

MISSES CHANCE FOR TIE

Play was hard and fast and with less than a minute to play an Aggie fouled for two shots.

Captain Maney of Kansas, sent into the game with a bandaged arm in the overtime period, poised himself for the shots that might tie the score, but missed one. Before either team could shoot again the game was over.

The box score:

| Kansas Aggies | | | |
|---------------|----|-----|----|
| | G. | FT. | F. |
| Stradski f. | 4 | 5 | 3 |
| Nigro f. | 3 | 1 | 2 |
| Silverwood f. | 2 | 0 | 0 |
| Freeman c. | 1 | 0 | 2 |
| Russell c. | 0 | 1 | 0 |
| Richardson g. | 2 | 2 | 4 |
| Gann g. | 0 | 0 | 0 |
| Weller g. | 1 | 0 | 1 |
| Totals | 13 | 10 | 12 |
| Kansas U. | | | |
| | G. | FT. | F. |
| Thomson f. | 6 | 6 | 4 |
| Bishop f. | 7 | 0 | 1 |
| Maney f. | 0 | 1 | 0 |
| Ramsey c. | 0 | 2 | 0 |
| Cox g. | 0 | 0 | 4 |
| McGuire g. | 0 | 0 | 2 |
| McCormick g. | 0 | 0 | 1 |
| Totals | 13 | 9 | 12 |

Officials—E. C. Quigley, St. Marys; Dwight Ream, Washburn.

Virginia Reeder Likes Islands

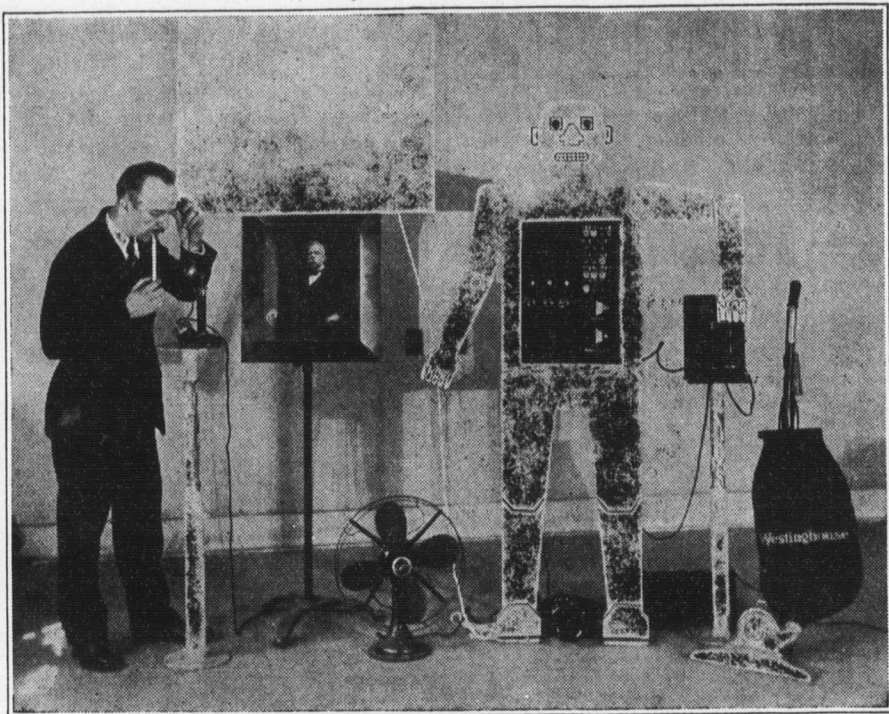
Virginia Reeder, '25, is located at Quayama, Porto Rico. She writes enthusiastically of her work. She is teaching clothing in the high school and is supervisor of high school foods and home nursing and of many foods and clothing classes in grade buildings. The hurricane caused serious damage last fall, including the building in which she teaches, but it has been repaired.

She writes: "I have one of the finest departments in the islands, four large rooms beautifully equipped. A very well organized course in home economics is carried out through several grades and four years of high school. High school foods and high school clothing are required. There are many electives and I have enthusiastic students."

McMillin in Wreck

A. N. (Bo) McMillin, varsity football coach, escaped uninjured in an automobile accident near Danville, Ky., last week, in which an occupant of the car which collided with McMillin's was injured so badly that he later died, according to reports reaching Manhattan. McMillin had been visiting at Geneva college, Beaver Falls, Pa., and came home through Danville to visit Center college, his alma mater.

He Does Odd Jobs



Here is a picture of "Televox," the uncannily human automaton invented by R. J. Wensley, engineer of the Westinghouse Electric company. The automaton will go through his bag of tricks for visitors to the engineering open house the latter part of next week. The Televox will answer the telephone, start and stop an electric fan and vacuum cleaner, and do other assigned jobs, under the direction of James L. McCoy, Westinghouse engineer.

L. N. Miller, '18, is connected with the Star Electric shop in Marshall, Mo.

R. E. Warner, '28, is working in the patent office at Washington, D. C. His home is at 2623 South Dakota avenue.

O. C. Wood, f. s., is an engineer with Electrical Research Products, Inc., 7046 Hollywood boulevard, Hollywood, Cal.

F. C. Kingsley, '23, holds the position of agricultural engineer for the Northwestern Illinois Public Service company, Dixon, Ill.

E. J. Jelden, '22, is practicing veterinary medicine in Columbus, Neb.

W. C. Ernsting, '17, is now located at 112 West Dallas street, Westmont, Ill.

Herbert N. Baker, '20, is doing research work in the government nutrition laboratory at Beltsville, Md.

A. C. Hoffman, '26, writes as follows from Iowa State college, where he is doing graduate work: "I am having a very pleasant and profitable year here at Iowa State. I have never regretted for a minute that I took a year off to do graduate work."

PROGRESS OF KANSAS PRESS

F. E. C.

The Burlington Republican advertising man has hit on a novel method of selling more advertising and arousing reader interest. In the issue of February 4 a two page spread was run with individual merchant's ads describing articles of merchandise that had been given or would be given to the first babies born in the county in 1929. Each business house was to give a present to one of the first 28 babies.

The Marshall County News profits by having its representative in the Kansas legislature write a weekly column "At the Capitol" from Topeka. It is a column of snappy comment on the doings of the legislature.

The Kirwin Kansan recognizes scholarship in the local high school by printing the semester honor roll on the front page—a tip to others.

An important newspaper consolidation was effected in Garden City last week when the new Garden City Publishing company took over the Garden City Herald and the Garden City Telegram. E. F. Ewing, owner of the Telegram, will be majority stockholder of the new company in which R. J. Laubengayer and Roy Bailey, Salina, have an interest. The Kelleys, who ably managed the Herald, will eventually buy another paper elsewhere.

Many Kansas weeklies have found that it pays to devote considerable attention to feature stories. An especially fine one that recently was printed in the Hiawatha Daily World was a story of the first automobile around Hiawatha. The World used a two column cut of the ancient vehicle and carried the headline "Hosses Reared When This Car Came Steaming Up the Street."

Making immediate use of Charles P. Beebe's year book, "Kansas Facts," the Anthony Republican reprinted from it a brief sketch of Harper county. A hundred or two hundred words about any county in the state as taken from "Kansas Facts," will make interesting reading.

F. W. Arnold's "A Column of

Truck" in the Vermillion Times is all "home grown" according to the heading. It must take a deal of time for the Times editor to prepare his "truck," for it is not only interesting but covers a variety of subjects. These few samples will show that the column is justified in getting front page position:

If a thing is common, a good simile would be, "as common as fruit salad at a church supper."

An old adage was, "Don't sit down in the pasture and wait for the cow to back up and be milked—go after the cow."

If asked for information, be sure you have it before you give it. When you like to be thought wise, it takes courage to say "I don't know."

If we ever enter the ministry, we shall proclaim to all who will listen to us that they do, not what they believe, is the essence of righteousness.

We can count at least 20 men in this community who, when we came here 30 years ago, were just starting farming for themselves with nothing to start out on but health and credit, who have retired with a competency, some of them 10 years ago. Page these politicians who are trying to make the farmer believe that he needs special legislation to keep him out of bankruptcy.

The Burns Citizen, R. E. Eakin, editor, runs a column of editorial comment down the center of the front page. Though the paragraphs take up valuable space, they are clever, timely, and apparently enable the Citizen to fill the front page without the use of advertising. There is plenty of local news on the page, too.

Believing in the use of cuts in telling news, the Tonganoxie Mirror editor used one of two column size to reproduce a picture of a new bungalow in his town. It fitted nicely into his better homes campaign.

Charles A. Spooner is editor of the Leader, new paper at Lane, Franklin county.

The first issue of a Kansas newspaper printed on paper made from cornstalks appeared February 28, when A. Q. Miller's Belleville Telescope appeared with a 16 page edition on paper from the Danville, Ill., factory. Featured in the edition were the manufacture of paper from cornstalks and possibilities for the new industry in the corn belt of Kansas.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., 51; Aggies, 36.
Jan. 24—Nebraska U., 21; Aggies, 30.
Feb. 2—Kansas U., 31; Aggies, 24.
Feb. 9—Missouri, 35; Aggies, 25.
Feb. 13—Okla. A. & M., 31; Aggies, 52.
Feb. 16—Iowa State, 44; Aggies, 35.
Feb. 23—Oklahoma, 42; Aggies, 28.
Feb. 25—Okla. A. & M., 24; Aggies, 62.
Mar. 2—Nebraska U., 62; Aggies, 45.
Mar. 5—Kansas U., 35; Aggies, 36.

A. W. BREEDEN ARRAIGNS SOPHISTICATED NOVEL

English Lecture Series Speaker Scores
Modern Authors With Cynical
'Don't Care' Attitude

The modern, sophisticated novel came in for an arraignment by Prof. A. W. Breeden Tuesday night, in the last of the series of lectures by members of the English department faculty. The authors who pose as cynics, with a "don't care" attitude were scored by Mr. Breeden. Michael Arlen, author of the much faded "Green Hat," was given as an example of the modern sophisticated.

"Point Counterpoint" by Aldous Huxley and "No More Parades" by Ford Madox Ford, were the novels discussed by Professor Breeden.

"My chief criticism of the authors of the modern sophisticated novel is that they refuse to be honest with their public," said Professor Breeden. "They are too much occupied with sex, and over estimate its importance in the scheme of things."

The speaker quoted Aldous Huxley as follows: "Christianity, piety, work, and intellectuality are abnormalities in human beings, and should be reduced in the interest of a rounded life as the Greeks and Etruscans lived it. Jesus Christ, Sir Isaac Newton, and Henry Ford have reduced men until there is nothing left of them. Christianity made us ashamed of sex life; the intellectuality of Newton has robbed us of our emotions, and now Henry Ford has robbed us of the use of our legs."

Professor Breeden then commented. "To me all this is either bright, smart talk, or else a group of pure fallacies. Modern men are not over intellectualized, nor do I admit that Christianity has done more than reduce sex to its proper place."

"There is nothing to redeem the story, 'Point Counterpoint.' It has nothing of the artistic, the charming, or the beautiful, and most of the characters are rank abnormalities."

That "No More Parades" should not be listed as a sophisticated novel, is the view of Professor Breeden, who said that although the book is built on a modern incident, the war, and has its share of sex, it is saved by an infusion of romance, idealism, and heroism.

"If the villainess is impossibly wicked, the hero is correspondingly noble and self sacrificing," said the speaker. "In spite of the stark realism of the story, it shows the author has confidence in the innate nobility of humanity, at least of masculine humanity."

L. A. Gates a Californian

L. A. Gates, '26, of 2958 East Olive street, Huntington Park, Cal., writes of his work for the General Electric company. Parts of his letter follow:

"I am lighting specialist in the Los Angeles office and am getting some wonderful experience. You are just about your own boss out here and responsible for everything. In most of the G. E. offices the specialist always works with the general salesman, who is responsible for sales. But in our department we are responsible for engineering and sales, as well as some manufacturing. There are two men on street lighting and I handle aviation lighting, traffic signals, electric fountains, and floodlighting."

"I have joined the junior chamber of commerce of Los Angeles, electric club, I. E. S. and am chairman of the outdoor illumination committee of the Pacific coast section of the N. E. L. A., so I'm getting pretty well acquainted by now."

E. E. Thomas, '22, and Herbert Strong, '08, are here also."

Bankers usually are willing to lend money to the farmer who can show a clean cut statement of his farming business.

PLENTY OF MATERIAL FOR BASEBALL TEAM

COACH CORSAUT TAKES CHARGE
OF NIGHTLY WORKOUTS

Eight Letter Men Included in 43 Reporting First Week; Several Football Men Among Best Diamond Prospects

Half a hundred Kansas Aggie baseball men are working out this week under Coach Charles W. Corsaut, who laid aside his basketball cares with the K. U. game Tuesday night. Eight letter men were included in the 43 candidates who checked out uniforms last week. Much new equipment is on hand, including a hitting cage which is expected to help early workouts.

Corsaut will not abandon basketball entirely, as he plans to get his strong freshman squad ready this spring for work with the varsity.

COMPETITION KEEN

Competition is expected to be keen in the conference this year, as every school except Nebraska has numerous letter men. The Huskers will resume baseball after a three years lapse and are said to have good material.



C. W. CORSAUT

The eight letter men are: T. E. Doyle, Manhattan; A. H. Freeman, Hoxie; Glenn Gilbert, Olathe—all three pitchers; Marion Evans, Gove, shortstop; Lyle Nash, Long Island, third base; W. H. Towler, Topeka, first or second base; Captain Kirk M. Ward, Elmdale, right field; R. H. McCollom, Hutchinson, left field.

Freshmen baseball practice started March 5, under O. W. "Oss" Maddox, assistant varsity football coach.

FOOTBALL MEN OUT

The roster of Corsaut's baseball squad resembles that of the varsity football team last fall. Freeman, Towler, and Evans are football ball letter men, and a dozen other sophomore candidates are Nigro, Meissinger, Platt, and Barre, football lettermen, and a dozen other members of the varsity football squad who did not make letters.

Those checking out uniforms last week, in addition to the letter men, are:

Pitchers—Alex Nigro, Kansas City; H. J. Barre, Tampa; H. G. Bobst, Almena; Glenn Durland, Manhattan; E. P. Lawrence, Eads, Colo.; W. E. Platt, Manhattan; F. R. Brandenburg, Riley; F. B. Alsapach, Highland.

Catchers—C. V. Conger, Ionia; Bruce Markle, Chanute; Jerome Wilson, Ashland; William Meissinger, Abilene; R. B. Smith, Potwin.

Other infield candidates are: Edgar Denny, McLouth; Wallace Forsberg, Lindsborg; J. E. Erwin, LeRoy; F. S. Naugle, Highland; Tom Petty, Manhattan; Delmas Price, Wakefield; Clem Richardson, Hugoton; R. G. Vogel, Stuttgart; C. E. Elling, Manhattan; Zint Wyant, Topeka; L. L. Hadley, Baldwin; W. R. Chalmers, Burlingame.

Outfield candidates are: E. E. Daman, Junction City; R. A. Bell, Beverly; L. C. Fiser, Mahaska; R. H. Trompeter, Horton; P. L. Gardiner, Louisburg; Charles Russell, Manhattan; E. H. Smith, Baldwin; L. A. Eastwood, Sumnerfield; L. J. Miller, Manhattan; Jack Sanders, Independence.

HUSKERS WIN FREE SCORING BASKETBALL GAME--62-45

Aggies Finish Season Tuesday Against
Kansas University

A 62 to 45 scoring orgy which was won by Nebraska furnished the "semi-final" game of the season for the Kansas Aggie basketball team. The game was at Lincoln last Saturday night. The Wildcat team played the last minute with only four men in the game, three regulars being benched with personal fouls. Nigro was high man, for the Aggies, with seven baskets.

The Aggies were to finish the season against Kansas university at Manhattan, last night.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, March 13, 1929

Number 22

ENGINEERS HOLD SWAY FRIDAY AND SATURDAY

PROGRAM COMPLETE FOR EIGHTH ANNUAL OPEN HOUSE

Departmental Exhibits, Special Chapel, and St. Pat's Prom are Features of Two Day Celebration—Division One of Largest

Engineers will hold sway on the hill Friday and Saturday, when the division will play host to the rest of the college. Friday has been designated as Open House day and Saturday as Engineer's day.

Each department of the division has arranged a special exhibit, and the whole will be thrown open for the public from 7 to 9:30 o'clock Friday night, and Saturday afternoon.

CHAPEL SATURDAY

Saturday morning will be devoted to an Engineer's chapel, and on Saturday night will come the crowning event of the week, St. Pat's prom, which will be in Nichols gymnasium.

B. J. George, an industrial engineer of the Kansas City Light and Power company, will speak at the chapel on "Engineering—a Job, a Profession, or an Opportunity?" Another address will be given by J. O. Perrine, of the American Telephone and Telegraph company, whose subject is "The Engineer and Life."

Special features of the engineering exhibits are an automobile show, a radio controlled automobile, latest model radio receiving sets, and the "Televox" or mystery man, a development of the research laboratory of the Westinghouse Electric company.

ARROWS POINT WAY

Red and white arrows will guide the visitors to the exhibits in the order in which they should be viewed. A chemical garden, a silver tree, an overflowing wine bottle, magic balloon, visible speech, invisible light, red hot souvenir K's fresh from the casting sand, and vortex smoke rings are among subjects picked at random from the list of exhibits.

The college engineering division is the third largest between the Mississippi river and the Pacific coast, the two larger being Iowa and Texas. It has made a growth of 73 per cent between 1920 and 1927, the largest of any engineering school in the United States.

BOARD VOTES 17 K'S, 12 FROSH NUMERALS

Only Two Seniors On Cage Team List —Ward Gibbs of Topeka Is Elected Honorary Captain

Eight honorary "K" letters and sweaters in basketball and nine in wrestling were approved Monday, March 11, by the Kansas State Agricultural college athletic board. The recommendations of the coach as to lettermen were approved in each case. The board also voted to award numerals and sweaters to 12 members of the freshman basketball team, who fulfilled scholastic, proficiency, and practice attendance requirements.

Basketball letters were awarded to the following eight men, recommended by Coach C. W. Corsaut: Captain E. J. Skradski, Kansas City; E. L. Gann, Burden; A. H. Freeman, Hoxie; K. J. Silverwood, Ellsworth; H. R. Weller, Olathe; Alex Nigro, Kansas City, Mo.; C. D. Richardson, Hugoton; Ray Russell, Kansas City. Skradski and Gann are the only seniors on the list.

Wrestling K's will go to the following men, recommended by Coach B. R. Patterson: Captain Albert Brown, Manhattan; J. R. Warner, Whiting; C. H. Errington, Ruleton; Sam Alsop, Wakefield; Raymond Patterson, Morrowville; William Chapman, Wichita; K. J. Latimer, Humboldt; W. W. Gosney, Goddard; R. H. McKibben, Kansas City, Kan.

Ward Gibbs of Topeka was elected honorary captain of the freshman numeral squad. Others recommended

for freshman numerals were: Paul Fairbanks, Topeka; E. L. Aufer, Norcatur; C. A. Tucker, Ottawa; H. O. Cronkite, Belle Plaine; A. L. Thurlow, Hill City; Ralph Vohs, Parsons; F. L. Schooley, Hutchinson; L. D. Morgan, Manhattan; George Wiggins, Lyons; E. Smith, Caldwell; R. G. Lyons, Wakarusa.

PRESS TEAMS EDITING KANSAS NEWSPAPERS

Journalism Students Writing Copy in Republic, Frankfort, Clay Center, and Minneapolis

Press teams from the department of industrial journalism of the Kansas State Agricultural college are editing several Kansas newspapers this month. A majority of the students who compose the teams are enrolled in The Rural Press, a three credit-hour course in which one credit is given for satisfactory work with a press team. Prof. F. E. Charles is in charge of the class.

A team of three members, including Josephine Keef, Glen Elder; Blanche Hemmer, Medicine Lodge; and John Watson, Frankfort, worked on the Frankfort Index, a small daily, on March 4, 5, and 6.

Lowell Treaster, Beloit, and Lawrence Barnhart, Independence, compose a two-man team which is gathering the news and advertising for the March 7 issue of the Republic City News.

Five students leave tomorrow for Clay Center where they will write copy for the Clay Center Times. Members of the team will be John Chandley, Kansas City, Kan.; Emily Sheppard Thackrey, Manhattan; Opal Thurow, Macksville; Wilmar Sanders, Clay Center; and Charles Dean, Manhattan.

Another team of six students will supervise the Minneapolis Messenger for the issue of March 21. Members of the team will be Gladys Suiter, Macksville; Meredith Dwelly, Manhattan; Kermit Silverwood, Ellsworth; Chester Ehrlich, Marion; John Watson, Frankfort; and John-Holmes, Manhattan.

BURNING STRAW WASTEFUL METHOD, SAYS AGRONOMIST

Roughage Left by Combine Should Be Plowed Under

Burning straw left on the field by the combine is an undesirable practice and virtually costs the farm \$3 to \$4 an acre, according to Prof. R. I. Throckmorton, head of the college agronomy department. The only excuse for burning rather than plowing the straw under is to get it out of the way for "stubble in" the wheat. Since this method of planting is not popular the farm will maintain fertility by plowing the straw under.

MUD BRICK HOUSE STANDS UP UNDER THE ELEMENTS

Weather Has Little Effect On Stuccoed Adobe Building

A small mud brick building, constructed on the campus two years ago by the department of agricultural engineering, seems little affected by the weather, Prof. Roy Bainer reports. The bricks were made of straw and gumbo soil, laid so the walls of the building were 16 inches thick, and then were stuccoed on the outside.

TESTING NOW MAY AVOID POOR STAND NEXT JUNE

Seed Laboratory Urges Farmers to Use Germination Test

Having the state seed laboratory test seed corn now will be more economical than planting poor seed and getting an equally poor stand this spring, warns Prof. J. W. Zahnley who supervises the laboratory which is maintained at the college by the state board of agriculture. The testing is free to everyone.

ANNUAL SCHOLARSHIP CONTEST ANNOUNCED

DIRECTORS EXPECT MORE THAN 4,000 HIGH SCHOOL ENTRANTS

Twelve Awards Aggregating \$500 in Value Offered to Winners—Entry Blanks Must Be Mailed to College Before April 6

More than 4,000 Kansas boys and girls from 140 high schools are expected to compete in the eighth annual scholarship contest of the college, which will be conducted April 26 and 27 under direction of Prof. V. L. Strickland of the department of education, and Prof. B. H. Fleenor, of the home study department.

Up to three years ago the contest was held in Manhattan, but since that time it has been conducted wholly on the extension plan, eliminating much expense and permitting a far greater number of contestants. The contests now are held at central points where several high schools may compete, making for local as well as state interest.

EXAMINATION SUBJECTS

Subjects over which the examinations will be given are:

First year English (composition and literature); second year English (composition and literature); American history; social civics (Munro and Ozanne); first year algebra; plane geometry; physics.

Third year English; first year Latin; second year Latin; first year French; first year Spanish; vocational agriculture; world history; modern history, general agriculture; economics; sociology; commercial arithmetic; general science; biology; physical geography; first year home economics, clothing, foods, and related work; second year home economics, clothing, foods, and related work.

The first seven subjects listed, inclusive, are those considered in the awarding of scholarships.

Rewards to winners in the contest include scholarships of \$100, \$75, \$50, and three of \$25, all at K. S. A. C., and six cash awards ranging from \$7.50 to \$35.

\$300 IN SCHOLARSHIPS

The \$100 scholarship for the contestant ranking highest in any three of the seven subjects was won last year by Norton Jaggard, Concordia. The \$75 scholarship for second rank in any three went to Georgia Wilkerson, Grinnell. Third scholarship of \$50 was won by Marjorie Clark, Topeka. The three \$25 scholarships went to Warren Mather, Grinnell; Iona Faulk, Topeka, and Chester Fairbanks, Holton.

Cash awards went to the following: Catherine Smith, Topeka; Mary Jo Cortelyou, Manhattan; Marjorie Pyle, Manhattan; Gomer Lague, Concordia; Pearl Johnson, Beattie, and Harriet M. Reed, Holton.

Entrance in the contest is voluntary on the part of the schools, and each year has shown a steady increase in enrolment. No registration fee is required, and the nominal charge of five cents for each test makes the plan self supporting and provides for the awards, which approximate \$500.

Examinations are conducted by disinterested parties who send the highest test papers in each subject to the college for final scoring. Entrance blanks from all schools wishing to enter must be in the mail by April 6.

"Alumni of the college who are teachers out over the state have aided much in promoting the contest in their communities," said Professor Fleenor. "Many students of ability have become interested in K. S. A. C. through the tests, and by winning scholarship awards."

Dean Call a Judge

Dean L. E. Call, of the division of agriculture, is one of a committee of three picked by Capper's Farmer to judge the annual Capper Essay contest.

Agronomists Meet in June

Meeting of the corn belt section of the American Society of Agronomy will be at K. S. A. C. the second week in June, according to Prof. R. I. Throckmorton. The meetings will be at Manhattan June 12 and until noon of June 13, when the group will leave for a meeting at the experiment station at Hays.

SHEEP DAY PROGRAM MADE YEARLY EVENT

Many Visitors Expected for Demonstrations Planned by Animal Husbandry Department for April 6

Second annual Sheep day will be held at the college Saturday, April 6, according to Prof. H. E. Reed, of the animal husbandry department.

The day is being made an annual event because of the increasing importance of sheep in Kansas, and because of the many requests for information relative to proper methods of handling the farm flock.

Several demonstrations at the college sheep barn constitute the day's program. Proper methods of shearing, blocking, docking, and castrating will be shown in detail. Talks on sheepmen's problems will be made in the afternoon by members of the animal husbandry faculty. Results of experimental feeding tests will be given.

Last year, Sheep day brought more than 200 visitors to the college. Arrangements have been made this year for all demonstrations and meetings to be held in the heated college livestock pavilion, if the weather is not suitable for outdoor gatherings.

MOST HANDSOME ENGINEER TO BE PICKED BY COEDS

Each Department Names 'Beauty' and Popularity Contestants

Winner of the "most handsome engineer" contest will be selected by five coeds attending St. Pat's prom, the engineer's ball, on Saturday night. Another feature of the ball will be selection of the most popular senior engineer, by vote of the seniors themselves.

Entrants in the "handsome engineer" competition are:

Vernon Patterson, Anthony, agricultural engineering; Allen Krider, Newton, architecture; C. E. Pickett, Glen Elder, electrical engineering; F. R. Mouck, Grove, Okla.; mechanical engineering; J. R. Coleman, Wichita, chemical engineering; M. K. Eby, Wellington, civil engineering; H. G. Wood, Topeka, and Stanley Morse, Manhattan, special entrants.

Entrants in the popularity contest are:

E. L. Barger, Topeka; E. J. Skradski, Kansas City; Melvin Coffman, Wakefield; Stanley Morse, Manhattan; Charles Sardou, Topeka, and A. E. Dring, Pawnee Rock.

HARD WINTER ON CHINCH BUGS, MCCOLLOCH LEARNS

Extreme Cold and Moisture in Soil Destroyed Insect Pests

Riley county chinch bugs fared none too well during the winter now closing, according to Prof. J. W. McCulloch of the department of entomology. Extreme cold weather, followed by excessive moisture in soil, has been destructive to the bugs, and hence their ravages during the coming summer should be curtailed.

ROTATION AND CLEAN SEED WILL CONTROL CORN SMUT

Chemical Treatment Is Effective, H. H. Laude Points Out

Selection of clean, healthy seed corn and the practice of crop rotation are two principal points in control of smut in corn, according to Prof. H. H. Laude of the agronomy department. Corn smut, unlike oats or kafir, cannot be controlled by treating the seed.

POSSIBLE TO CONTROL WEEDS IN PASTURES

ALDOUS FINDS GRAZING LANDS CAN BE RESTORED

Getting at Causes of Trouble Usually Helps to Eradicate Noxious Plants, Studies Show—Burning Aids if Practiced Carefully

With 15 to 80 per cent of the vegetative areas of Kansas pastures covered with weeds and brush, farmers of the state can well afford to consider the causes of this pasture situation, Prof. A. E. Aldous of the agronomy department, Kansas State Agricultural college, declares after having studied Kansas grazing methods several years.

Removal of the causes is fundamental, according to the pasture specialist. Usually the weeds and brush may be traced to the following conditions: too many animals pastured on a given area, too early pasturing, poor distribution of livestock, or a combination of the three.

TIME AN IMPORTANT FACTOR

In his pasture investigations Professor Aldous has studied extensively the possibilities of restoring worn out pastures and has found that protecting the pastures for several seasons by light grazing or special grazing methods, such as the deferred and rotation system, has helped to restore native grass pastures.

Some of the Kansas station experiments are being made to determine the desirability and effect of cutting top growth, burning, and the use of chemicals in eradicating weeds and brush. The experiments indicate that the time of cutting and burning has a definite bearing upon the effectiveness of each method.

Buckbrush cut in April was little affected, but by delaying the cutting until May, 85 per cent eradication of this plant resulted. A second cutting the latter part of August and a third the following June was usually sufficient to put buckbrush under control. Likewise, sumac cut too early was little affected, but when cut about June 10, 65 per cent of the plants were killed, and if followed in September with a second cutting, and again the following June 15 with a third, control was obtained.

RESULTS OF BURNING

Professor Aldous' experiments indicate that buckbrush, sumac, and other weeds may be effectively controlled by burning if the work is done at the proper time. Buckbrush and common early weeds are usually destroyed permanently if the pasture is burned between May 1 and 10. If sumac is to be controlled, burning should be delayed until the latter part of May.

Most tame grasses and the blue-grasses are greatly injured by fire and may be killed entirely as the result of burning. Grama and buffalo grasses are injured somewhat, but the benefits derived usually outweigh any losses. Coarser grasses are injured only slightly by burning. Bunch grasses and little bluestem are injured to a greater extent, though great losses are seldom suffered.

HERBICIDES UNSUCCESSFUL

Herbicides experimented with were sodium chlorate, sodium arsenate, and zinc chloride. Zinc chloride had little effect on the grasses or weeds, but the other two chemicals killed not only weeds but grasses as well. Professor Aldous concluded that herbicides are not practical because they are destructive to grasses as well as weeds and the cost is too great to justify their use in ordinary cases.

Plan Agronomy Field Day

The fifth annual agronomy field day will be held June 8, according to Prof. R. I. Throckmorton. Results of experiments will be discussed for the benefit of those attending, and the experimental plots viewed.

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KENNEY FORD... Alumni Editor
J. D. WALTERS... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY MARCH 13, 1929

GEORGE WASHINGTON REVISED

In Coolidge's farewell address at Georgetown university he strongly urged alliance with Europe for the purpose of disarmament, arbitration, and decreased danger of war.

Perhaps without censuring the father of his country for failing to foresee a century and a quarter in advance, and likewise without attempting to heroize a mere contemporary, we could, nevertheless, profitably substitute Coolidge's farewell address for Washington's. Perhaps the maxim, "alliances for peace," is really a more workable one in the modern world than the eighteenth century fear cry of "no entangling alliances."

LUCK?

"It was the breaks of the game—and I lost," said David Buick, who recently died, in poverty and personally unknown, but bearing a name which he gave to a famous automobile.

And we wonder. Do the facts make the man, or does the man make the facts? Which is correct, behaviorism or volitionalism?

It seems that successful people are "self made" men. And people who are not so successful are "victims of circumstances." Philosophical man takes the credit and shifts the blame.

But after all, what are philosophies for if not to help man rationalize his errors and glorify his successes? In this way philosophy becomes a servant, contributing to contentment and the question of which philosophy is correct becomes meaningless.

BOOKS

Poems of Contentment

"A Calendar of Country Songs" by Katherine Atherton Grimes. Southern Agriculturalist, Nashville, Tenn.

The poem in this issue of THE INDUSTRIALIST is reprinted from a compilation of "country songs" by the associate editor of the Southern Agriculturalist.

Miss Grimes' verse is for those who love living in the country and for any who don't, yet sense their lack of the elusive thing, contentment. She glories in and glorifies the simple life lived close to nature. She is sensitive to the seasons as they unfold out of doors and not in mid-lady's city shop windows. She sings of daily tasks and satisfaction in a not too ambitious present.

The verse slips into sweet sentimentality at times, and borrows old verse cadences or strains too hard for new ones. But there are many people who will think as they read, "She says what I feel."

Indeed, it is rather refreshing in these days of hurrying back and forth to town and of hurrying to get the work done and be off to town, and then bringing back mechanical contrivances to invade the former stronghold of nature, the farm, to pick up a "calendar of country songs."

—Lillian Hughes Neiswanger.

EXPLAINING EINSTEIN

The metropolitan press went cultural with a bang a few weeks ago, and if its readers don't now know

all about Doctor Einstein's "Zur Einheitlichen Feldtheorie" it isn't the fault of the editors. Starting with the recognized fact that the matter could not be explained to more than 12 men in the world, the newspapers hired experts to explain it to such readers as had already mastered the explanation of how to use voting machines and when to cross Times square.

The most satisfactory analyses of Doctor Einstein's theory were made by the various columnists, to whom it was a godsend. Almost every one of them took a crack at it. —Guy Fawkes in the New Yorker.

ALASKAN EXPERIENCES

Aggie alumni who were catapulted from K. S. A. C. out into the cold world to find themselves with a stadium pledge, an alumni life membership pledge, a college debt and a living to make for two or more may well take courage from the fact that many of our alumni are making good in Alaska where the weather is colder and the cost of living higher than in the U. S. A.

The following interesting letter from Earl Graves, '22, to his parents, Mr. and Mrs. A. L. Graves, Manhattan, pictures vivid incidents in the life of a territorial veterinarian. Dr. and Mrs. Kitty (Faulconer) Graves, f. s., write as follows from Sitka, Alaska:

"Our boat, the S. S. Queen, docked here at 10 a. m. the morning of January the eighth.

"Mr. De Armond met us at the dock with outstretched arms. I was here many times last year and it seemed almost like returning home. Mr. De Armond, you will recall, is a brother of Lee De Armond of Manhattan and attended K. S. A. C. in the early days. He has a large number of pictures of the school as it appeared then and we have spent a lot of time looking them over. The De Armonds have a very comfortable home here and a world of fine books and all sorts of excellent magazines, periodicals, and other publications.

"So much has happened since my last long letter I hardly recall where the details stopped. I'll return to Lynn Canal and then work down here to Sitka in chronological order.

"We left Haines in a flurry of snow on November 2 for Sullivan Island. It was a cold trip, and we were indeed glad to arrive at the ranch and sit down to splendid venison steaks. Two men were brought with us to assist in the pelting which began next day.

"The following few days I spent in inspecting the new pen and in examining animals for parasites and also in treating the stock which is to be kept, for internal parasites. This was an excellent opportunity to demonstrate that one could almost foretell the degree of parasitism by the condition of the pelt.

"Skinning a fox is not easy, but is quite a job to prepare a pelt for market. A good hand can kill, skin, flesh, and stretch 12 a day but it keeps him busy.

"I see by my diary that on December 5 we had seal meat for dinner. I remember that Kitty thought it looked anything but appetizing and I'll admit it wasn't any too attractive but it tasted all right, very similar to beef and quite good. Kitty gave the men a real treat. For over a month she cooked for six men in real Kansas style. There was a root cellar packed with the finest vegetables one ever saw and also there were all sorts of supplies and provisions. Such meals as she did prepare. Cakes, pies, roasts, ice cream and everything. Our Thanksgiving and Christmas dinners were feasts never to be forgotten.

"We had gathered greens and made wreaths of garlands for Christmas decorations. Having no holly we gathered a lot of cranberries and fixed them onto the wreaths and the effect was satisfactory. On December 13 we received a standard U. S. mail bag full of mail. Such a time as we did have—over five weeks mail to be read all at once.

"On December 21 I observed a large eagle perched in a tree a short distance up the mountain side on the very branch from which I shot one

last year, but before I could obtain a rifle he had flown. I was sorry because I want to make an eagle robe. I have one eagle skin which the men brought in and desire a number more. Such a robe is a rare and expensive thing because of the work involved. Only the breast is used. The large feathers are plucked and just the heavy 'fur' or down is left. The breast is then tanned and sewed into the robe.

"We returned to Juneau several days after Christmas and arrived at 2 o'clock one morning. On the way to our lodging we stopped at the postoffice and found a mail bag over half full of mail and of course could not go to bed, so we opened and read mail until morning.

"While in town I was busy all the time. A number of fur ranchers

the coast it's green and warm most of the time. Nearly a fourth of our time is spent at sea traveling. Some of the voyages are very rough and others are smooth and pleasant.

"Tomorrow we expect to go to the old Russian cathedral here. Kitty has been in others but this is supposed to be of unusual interest. I see by the papers that there is an air line proposed from Seattle to Juneau. If this is put through it will cut the voyage from 4 days to 9 to 12 hours.

"While here we've enjoyed delightful weather, though some days were rainy. Mrs. De Armond's tulips and daffodils are coming up and everything is green. Must close and go arrange for passage on the next liner due here. We go to Petersburg next."

Agricultural Efficiency Just Beginning

L. E. Call

The job of educating agricultural producers of this country has just begun. The establishment of the first agricultural college is within the memory of men still living. The agricultural experiment stations are less than 50 years of age. Extension work in its modern conception was not started until 1914. Junior extension work has reached large numbers of boys and girls only within the past few years. Few who have received vocational agriculture instruction in the high schools have as yet become farm managers and operators. When all these agencies have had an opportunity to exert their full influence upon agricultural practices and rural life, a still further marked improvement in the efficiency of American agriculture can be confidently expected.

called me to their farms to treat many foxes. It is a pleasure to know that I have been instrumental in saving a large number of very valuable animals.

"You asked about prices of necessities. At Fairbanks hair cuts are a dollar each, ice cream 65 cents a pint, oranges and eggs \$1.50 a dozen, electricity 25 cents a kilowatt and the newspaper, not as good as the Manhattan Chronicle or Mercury, was \$24 a year. However, at Juneau and down along the coast things compare favorably with the States; for instance, here at Sitka eggs are 50 cents a dozen, butter 65 cents a pound, spuds 6 pounds for 25 cents, bread 10 cents a loaf, milk 25 cents a quart, and electricity is 5 and 10 cents a kilowatt. At Juneau the prices are about the same as here. Bananas were 85 cents a dozen but at places they are much cheaper. Bacon runs from 40 to 60 cents a pound. Excellent meals are obtained from 50 cents to \$1 at most towns.

"Laundry is reasonable and well done at most places, although we have had it done where the fee was more than the original cost. During the shortest days we were on Sullivan Island and we had to light the lights around 1 or 2 o'clock.

"Now to return to Sitka. The De Armond home is a big, comfortable thoroughly modern place. In the summer time the yard is one big garden and a mass of flowers. We are right at home and are so happy at being here. Most of the ranches take many magazines and have lots of books. Here there is a real profusion of reading material. While here I've conferred with a number of local ranchers and had some autopsies. There are a number of people here from Kansas.

"Today we were invited up to the Sheldon Jackson school for Sunday dinner. This is a large Indian mission school maintained by the Presbyterian church. We greatly enjoyed meeting the faculty and dining with them in their cheery quarters. The meal was splendid and was prepared by the Indian girls' domestic science classes. Their new practice house is a lovely affair costing \$7,500 and really quite 'ritzy.' The children on the whole were very well dressed. The nurse at the orphanage at Haines and also the nurse here at the mission are Kansas girls. So far this is the second mildest winter I have ever experienced, last year being the mildest. Of course the interior is very cold, but here along

THROUGH A HIGH WINDOW

Katherine Atherton Grimes in the Southern Agriculturalist

Through a high window
In my low room,
I saw beauty
Come to bloom;

Looking through peach-boughs
Toward the sun,
I saw loveliness just begun;

Breaking buds
On a mist-green stem—
I love few things
As I love them.

And though they fall
In a day or two,
I shall love them
The whole year through.

SUNFLOWERS

H. W. D.

We knew there was something wrong with the world. It was skidding now and then when it shouldn't, and the pick-up was terrible. Now that Mexico has come across with her revolution, however—well, anybody should have known what was the matter.

All of which goes to show that things must run along as usual or it just isn't right. Into each life some rain must fall. And there must be punctures, panics, pleurisy, penalties, and peanut butter scattered here and there to make us appreciative.

The first act of Private Calvin Coolidge was to stick two extra supports under the living room floor in his rented house. When a fellow hasn't said exactly what he thought about things for six years, he's pretty sure to do some heavy stamping.

Ament the Seasons
Remember P. B. Shelley's
Query to the Wind,
(Long "i")

"If Winter comes
Can Spring be far behind?"
(That's why)
Since 1929, Oh man!
I'll say it can,
I'll say it can.

It is terribly unfortunate that right after that awful article in Collier's the Kansas Aggies and the Kansas Jayhawkers should tie for the cellar championship in the Big Six.

A good way to get your money back would be to offer a \$25,000 prize for a best seller with an old-fashioned girl as heroine.

In an article appearing in a current issue of some thriller magazine, Peggy Hopkins Joyce is quoted as saying that she has always wanted someone to love her, not for her beauty nor her stage talent, but just for herself as she really is. Cheer up, Peggy, old girl, and keep on marrying. You're bound to run on to someone like that sooner or later.

President Hoover seems to be getting a characteristic (for him) start at his new job. He's working hard at it and saying nothing about it. That may be the reason that the politicians would have preferred someone else.

Strange, isn't it—how many dozens of your intimate friends could have cleaned up handsomely on the stock market if they had sold at the right time? And strange also those subtle distinctions you hear about the difference between betting on football and baseball games and buying Consolidated Corn Plaster on margin.

In his GOOD MORNING, AMERICA Carl Sandburg breaks down and admits that it may be fifteen or twenty centuries before this marvelous nation of ours is able to figure out what it's all about. All of which shows that there is still a good deal of difference between a poet and a politician and a commencement orator, but not so much as you might think between the politician and the commencement orator.

The one room school, notable as the seat of learning of so many of America's renowned, is disappearing. Consolidated rural schools have been appearing to take the place of one-teacher schools at the rate of a thousand a year during the past decade. This is the conclusion of the bureau of education after eight statewide surveys and a number of less extensive studies.

—Christian Science Monitor.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Dr. R. R. Dykstra became head of the division of veterinary medicine.

Ivy Fuller, '13, was in Washington, D. C., doing reconstruction work.

Harlan Sumner, '16, who had recently returned from France, went to Montana where he had accepted a position in the department of agronomy in the state college.

TWENTY YEARS AGO

The Whitney Brothers' quartet was to give a return concert at the college.

C. A. Kimball, '93, was appointed by Governor Stubbs as a member of the state textbook commission.

H. V. Harlan, '04, was elected to a position in the bureau of plant industry of the United States department of agriculture, to be located at St. Anthony Park, Minn.

THIRTY YEARS AGO

P. F. Fleming, a former student, wrote from Manila requesting certain experiment station bulletins.

The Schubert Concert company was one of the features of the society lecture course at the college.

E. C. Butterfield, '98, wrote from Millbrook, N. Y., that he was soon to have charge of a large greenhouse that was being erected for the purpose of forcing fruits.

FORTY YEARS AGO

E. H. Perry, '86, was a caller at the college. He was accompanied by Mr. Evans of Topeka.

The Manhattan Nationalist was owned by George F. Thompson, former superintendent of the college printing department, and L. B. Parker, '87.

F. A. Waugh, f. s., was to be employed in the horticultural department as teamster, but planned to continue his course the following year.

FIFTY YEARS AGO

John D. Hartman and J. Stevens were enrolled as students.

Doctor Lyman and Doctor Ward formed a partnership in the practice of medicine.

Giles Howard, Miss Coburn, B. B. Smith, and Miss Campbell participated in a debate given by the Alpha Beta society. The question was, "Resolved, that the execution of Charles I was justifiable."

AMONG THE ALUMNI

K. S. A. C. has developed rapidly the past few years as a graduate school. There are 170 graduate students enrolled at K. S. A. C. this year. Graduates from the leading colleges of the country make up this group, who are studying for their master of science degrees.

Dr. J. E. Ackert, chairman of the K. S. A. C. graduate council, has compiled the following data as to the residence and business or profession of those who received their M. S. degree from K. S. A. C. in 1928:

L. R. Alt is located at Norborne, Mo.

Pearl Maus is at her home in Auburn.

A. L. Berry is in business at Merriam, Kan.

Mabel Swanson is at her home in Manhattan.

W. F. Hearst is teaching vocational agriculture at Alma.

R. L. Pycha is an instructor in chemistry at K. S. A. C.

Geneva Faley is teaching in the high school at Langdon.

C. E. Abbott lives at 24 South Liberty street, Elgin, Ill.

C. E. Graves is extension plant pathologist at K. S. A. C.

F. A. Swanson is principal of the high school at Wakefield.

T. R. Warren is assistant in dairy husbandry at K. S. A. C.

Marguerite Bignall is spending the winter in Wamego, Kan.

Alma Hochuli is teaching in the high school at Wakefield.

J. L. Culbertson is county agricultural agent at Perry, Ok.

Alpha Latzke is doing clothing extension work in Manhattan.

J. F. Garner is manager of a bee-keeping company at Sabetha.

L. B. Pollom is state supervisor of vocational agriculture, Topeka.

B. P. Bowman is principal of the rural high school at Woodston.

C. M. Miller is state director of vocational education at Topeka.

H. W. Schmitz is teaching vocational agriculture in Manhattan.

Alene Theisner is spending the winter at her home in Manhattan.

H. E. Reed is associate professor of animal husbandry at K. S. A. C.

R. D. Nichols is an instructor in agricultural economics at K. S. A. C.

Homer J. Henney is instructor in agricultural economics at K. S. A. C.

O. B. Reed is teaching science in the Rosedale high school, Kansas City.

B. M. Anderson is an associate professor of animal husbandry, K. S. A. C.

Leona (Bower) Kell is an assistant in the nursery school at K. S. A. C.

Katharyn Zipse is critic teacher in the department of education at K. S. A. C.

Aldine (Scantlin) Langford is an assistant in the nursery school at K. S. A. C.

Esther Latzke is head of Purnall research in home economics at Fargo, N. D.

Roy W. Jones is an instructor in science in Bolton high school, Alexandria, La.

E. A. Clawson is teaching vocational agriculture in the high school at Wellsville.

Karl T. Risty is a fellow in genetics at the University of Wisconsin, Madison.

Glen C. Ware is an instructor in chemistry at Oregon Agricultural college, Corvallis.

T. H. Stevens is working toward his doctor's degree in physics at Purdue university.

Karl Knaus is superintendent of the state school of agriculture, Menominee, Mich.

Lillie Johnson is teaching foods and nutrition in the University of Illinois, Urbana.

James H. Robbins is teaching science and mathematics in the high school at Oxford.

J. P. Sellschop is working toward

his doctor's degree at the University of Illinois, Urbana.

R. L. Welton is teaching vocational agriculture in the Crawford County high school, Cherokee.

Elma Jones is a field worker in nutrition with the American Red Cross, McKinney, Tex.

Florence Stebbins is an instructor in biology at the Mississippi Woman's college, Hattiesburg, Miss.

C. B. Wisecup is junior entomologist with the United States Entomological laboratory, Sanford, Fla.

Chester B. Keck is junior entomologist with the bureau of entomology, U. S. D. A., Orlando, Fla.

Edith A. Holmberg is a home demonstration agent for the Ohio State university, Columbus, Ohio.

Cecil R. Ryan is assistant to the secretary of the Council of Serial agencies at Kansas City, Mo.

W. D. French is professor of industrial arts at the State Teachers college, Silver City, New Mex.

W. G. Amstein is an instructor in pomology at the Norfolk County Agricultural school, Walpole, Mass.

Anna M. Johnson is an instructor in home economics education at the Oklahoma A. & M. college, Stillwater.

Margaret Raffington is teaching foods and nutrition at the Michigan State Teachers' college, Ypsilanti, Mich.

Sarah Morris is instructor in institutional economics and assistant director of the college cafeteria, K. S. A. C.

Clara Dugan is teaching practice house and child welfare at the University of South Dakota at Vermillion, S. D.

Duane Sayles is teaching assistant in zoology at the University of Chicago and is a candidate for his doctor's degree.

Lester Kilpatrick is egg inspector and market reporter for the bureau of agricultural economics, U. S. D. A., in New York City.

Mary Irene Bailey has a fellowship at Columbia university in the department of chemistry under Dr. H. C. Sherman and is doing work leading to the Ph. D. degree.

Truman O. Garinger is head of the department of agricultural education and social science in Magnolia Junior college, Magnolia, Ark.

Bess Viemont is doing research work in the clothing and textiles department of the bureau of home economics at Washington, D. C.

B. E. Horral is working toward his doctor's degree at the University of Wisconsin. His address is 131 North Charter street, Madison.

Abbie C. Dennen is employed in the research laboratories of the Sears Roebuck company in Chicago. Her home is at 4349 Gladys avenue.

Dorothea Dowd is filling the position of Dr. M. T. Harman, who is on a sabbatical leave from K. S. A. C. Her home is 2744 Gillham Road.

W. G. Bruce is assistant entomologist for the bureau of entomology of the United States department of agriculture, stationed at Fargo, N. D.

BIRTHS

Herbert Webb and Mary Adda (Boone) Webb, f. s., of Manhattan, announce the birth of a son on February 19.

J. F. T. Mostert, '23, and Lucy (Stallings) Mostert, f. s., announce the birth of a daughter, Mary Adelaide, February 9.

MARRIAGES

LEEPER—COLVIN

Mr. and Mrs. John Leeper of Topeka announce the marriage of their daughter, Mary Rhodes, f. s., to Mr. Norman B. Colvin of New York City, on February 19, at the Long Island estate of Mr. and Mrs. Frank E. Barry. Mrs. Colvin studied music at K. S. A. C. Since that time she has attained much prominence as a singer in New York City. Mr. Colvin is a tenor of national reputation. Mr. and Mrs. Colvin will make their home at 602 West 165th street, New York City.

LOOKING AROUND

KENNEY L. FORD

Reminiscences of the days of President Anderson, written for THE INDUSTRIALIST by A. A. Stewart, created much interest on the part of both old and young alumni. Two members of the class of 1879, W. H. Sikes of Leonardville and Harry C. Rushmore of 4021 Bellefontaine, Kansas City, Mo., have written to express their appreciation of the Stewart article, and send additional interesting material on the early days.

Plans for a reunion of the '79 class are given in each of the letters, which are reprinted below.

Mr. Rushmore's letter follows: Editor, THE INDUSTRIALIST: What a privilege an old young man has who can dream dreams, and then find another old young man like my dear old friend Al Stewart, to suddenly set him dreaming again.

Tonight as I read THE INDUSTRIALIST of February 27, saw Stewart's familiar, and I admit more bewhiskered chin, and the twinkle of his eye, it set a tingle going. And then there was "John A."

You see I have always associated with the beginning of things, the fact that President Anderson and myself arrived in Manhattan and began our "careers" at the same time, in September, 1873. How is that for "nerve"? Stewart, I'd like to hear your jolly laugh when you read this, if you do.

Possibly no other reader of Stewart's article can better appreciate its value, its tribute, and its historical interest, than myself.

This is not said with an iota of egotism. I "began with the beginning," and have kept fairly in touch with it through a more or less useless life to this day. Talk about "revolt" at the news. Gracious me, if my good friend Fred Marlatt could have seen his esteemed father "revolting." Whee!!

What a flood of memories troop through my mind since in 1873 John A. Anderson stood in the old Blue-mont chapel and announced the "rules" for the government of the student body—then less than 200 riotous, unruly, cantankerous "yokels" of that day.

Summarized, here was the "rules": "Behave, or go home."

Ferd Lynch, brother of good old Jim, now a successful and prominent architect of St. Louis, one day appeared in the old carpenter shop, as I recall it, surreptitiously carrying an old horse pistol. By some means, said pistol succeeded in causing a near panic because it was accidentally and harmlessly discharged. "John A." spoke of it in chapel the next morning on this wise, "I want it distinctly understood that a student has no more need of a pistol on this campus than he has for a stove pipe sticking out of his left ear."

John A. Anderson, long since deceased, left his impression on youth who came to know him. His life and his ideals were virile and appealing—strong and rugged. I loved the man for the man he was—genuine, brave, incorruptible, far seeing. His policies, then startling, radical, and thought viciously dangerous, are today serenely accepted.

Stewart spoke of Prentiss and his commencement address, of how it fitted into the practicality of the program of Anderson. Heaven save us. (Yes it was practical.) In fact I have heard commencement addresses galore in Manhattan these 55 years and don't remember a "doggone" thing about any of them except this one of Prentiss.

I wonder what an audience in Manhattan next May would think of an orator who got so near the earth that he would ask his audience to "consider the onion—it toils not, neither does it spin, and yet Solomon in all his glory was not arrayed like one of these." Who could forget it? Who would wish to forget it?

Here is where the old young man dreams again over his dreams. In the 50 years ago items of the issue of February 20 two bits were of interest to me.

One concerned the "grades" of three of the boys of 1878-9. Darwin Leach, Noble Richardson and

Mr. Stewart's Address

A. A. Stewart, who wrote the notes on President Anderson and K. S. A. C. appearing in a recent issue, lives at 1326 West Kiowa street, Colorado Springs, Col. He would be glad to hear from those who attended K. S. A. C. in the early days.

Clarence E. Wood had 99 plus in January—some grades.

I had 99 in many of my studies, I know—like this, 9.9. Clarence E. Wood was my classmate and just now I am trying to locate him—if he is living.

This is the year of the "Golden Wedding" of my class. Of the nine, five of us yet survive, possibly six if Wood is living.

I hope to meet at the next commencement two other classmates, so that probably three of us, after 50 years, may, under the Providence of God, celebrate with the 40-30-20-10 year groups and recount the days since "Maggie and I were young."

None of my class will assemble for a Diamond Wedding jubilee, but when the year rolls along, maybe some of the dreams we dreamed but never saw accomplished will be a part of what we are, because they were a part of what we were. Here is to my old friend Stewart—God bless him and his wonderful children.

Faithfully yours,
Harry C. Rushmore, '79.

Mr. Sikes writes:

Editor, THE INDUSTRIALIST: Reminiscences of the "Seventies" by A. A. Stewart last week were indeed interesting, especially to us older students. I want to make a little correction or two. Never will I forget hearing Noble Prentiss deliver his famous lecture on "Kansas" in the Presbyterian church where all great events of public interest in connection with the college were staged in those days. With force and a dramatic attitude he voiced Kansas as "extending from Nebraska on the north 200 miles south to the Indian territory. From the Missouri river on the east 400 miles west to the Rocky mountains. It reaches half way to China beneath and as high as the heavens upward." I have no doubt Mr. Stewart is correct in saying Anderson described Kansas as "200 miles wide, 400 miles long, and as high as the stars." The move from the old location to the present was the year 1875 and not 1876. THE INDUSTRIALIST was started in 1873 by M. Shillerston, a brother of Mrs. Sikes, a young printer who had served four years apprenticeship on the Commonwealth of Topeka, owned by Prouty and Davis.

Shillerston was recommended to Anderson by Prouty and Davis. He was paid 50 dollars a month with privilege of carrying on a course of study, but only remained one year, going west to make money more rapidly. He now lives in California.

A. A. Stewart and M. Shillerston, the early printers, are the only teachers of that date living, as E. M. Shelton passed away not long ago.

I surely recall the pay of 10 cents an hour we received in 1875 and later for farm work at the college, and that we gave 10 cents for a Faber drawing pencil.

S. M. Fox, who is still living, owned the book store and it was a good one.

T. C. Henry of Abilene, known as the "wheat king" of Kansas, was a prominent member of the board of regents during the Anderson regime.

As this is the fiftieth anniversary of "our class," Harry Rushmore, a member living in Kansas City, is writing to each one living urging them to attend commencement exercises this year. Rushmore writes that he is unable to locate Clarence E. Wood, nor has his death been reported.

Indications are that only three will answer roll call, as Arthur Blain and Etta Campbell Blain write they will not be able to attend, and three have died.

W. H. Sikes,
One of the nine of the class of '79.

J. S. Painter, '19, is district manager of the Arkansas-Missouri Power company with headquarters in Piedmont, Mo.

RECENT HAPPENINGS ON THE HILL

Plans are being made for the annual Ag fair, which probably will be held May 4.

A concert was given by the college band Sunday afternoon in the auditorium. Charles Moorman, f. s., assisted in the program with xylophone numbers.

Twenty-five K. S. A. C. students are to be invited to attend the annual gridiron banquet of the Sigma Delta Chi chapter of the University of Kansas, at Lawrence May 3.

Theta Sigma Phi, national honorary professional fraternity for women in journalism, held initiation last week for Catherine Halstead and Shirley Mollett, both of Manhattan.

"How the Public Can Cooperate With Institutions," will be the subject of an address by Prof. Walter Burr of the college, before the Kansas conference of social work, which meets at Salina March 14-16.

Alex Nigro, Kansas City, Mo., forward on the Aggie basketball team, was the only member of the team to finish among the 10 high scorers of the Big Six conference. Nigro finished eighth, with 83 points for the 10 conference games.

Winners of the advertisement writing contest sponsored by the United Light and Power company were Jay Adriance, Manhattan; Melvin Cowen, Junction City, and Irene Rogler, Matfield Green. First prize was \$12, second \$8, and third \$5. Adriance is a student in industrial journalism, Cowen in commerce, and Miss Rogler in home economics.

Officers of the freshman commission of the Y. W. C. A. were elected at a recent meeting, as follows: Oma Bishop, Abilene, president; Rachel Lamprecht, Manhattan, vice president; Helen Hughes, Manhattan, secretary; Helen Techgraaber, Marquette, treasurer; Barbara Brubaker, Manhattan, social committee head; Dorothea Doty, Cunningham, program committee head; Mabel Paulson, Whitewater, senior sponsor.

OUR OWN FOLKS

Fred W. Schultz, '26, Hampton, Va., joins the ranks of the K. S. A. C. alumni association, indicating that his loyalty and interest in the college is still keen in spite of a most interesting career since leaving K. S. A. C. Mr. Schultz spent some time in the army air service in California. He also spent a winter in Africa with a plant exploration expedition. Mr. Schultz is a graduate in horticulture and believes that future plant exploration expeditions may be made by aircraft. A part of his letter follows:

"My work here with the national advisory committee for aeronautics is simply as assistant to a staff of aeronautical engineers who carry out wind tunnel tests on airplane models to ascertain the characters the proposed planes might have in flight.

"It will indeed be a pleasure to receive THE INDUSTRIALIST, for although I've read it considerably when in Washington and in association with K. S. A. C. graduates in many of the places I've been, I have been unable to keep in very close contact with the activities of the school other than in the wonderful letters I've received from there. I hope things are rolling along smoothly at K. S. A. C."

Banker Goes Fishing

C. M. Breese, '87, a director of the First National Bank, Manhattan, opened the fishing season last week, perhaps as officially as it will be opened. On the road near Deep creek in Zeandale township, two friends found Mr. Breese, who reported the fish were not biting. He also informed them that he encountered some difficulty in getting close enough to the water, on account of the mud.

LIME AND PHOSPHATE REVIVING ACID SOILS

TEST PROVES PRACTICABILITY OF FERTILIZERS

Depleted Lands of Southeastern Kansas
Are Made to Produce Alfalfa at
Profit—Experiments Super-
vised by I. K. Landon

The extent to which the use of limestone, acid phosphate, and barnyard manure can be used to increase alfalfa yields on acid soils is suggested in the results of tests being made in the southeastern Kansas experiment fields by I. K. Landon, assistant professor of agronomy. The tests have run in four counties for three and four years at Ft. Scott in Bourbon county; Rest, Wilson county; Moran, Allen county; and Columbus, Cherokee county.

THE TREATMENTS PAY

Much of the land in this section of Kansas is acid and badly depleted by three-quarters of a century of careless farming methods, according to Landon. Ultimately the experiments should thoroughly demonstrate the practicability of rebuilding worn out soils, although after the four years in which test plots have been in alfalfa, Landon produces figures to show that the acid soils are producing legumes at a profit. His data point to the conclusion that a farmer can afford to treat acid soil with limestone before seeding to alfalfa and that he also can profit by an annual early spring application of acid phosphate, the latter at the rate of about 150 pounds per acre. Limestone should be applied at the rate needed as indicated by the test.

Landon's figures show also that if barnyard manure is available in large quantities on the farm it can be applied with profit to the alfalfa land at the time of seeding.

A summary of the results to date shows that lime applied before seeding the alfalfa has given an average increase of .56 tons per acre per year above the yield of the no treatment method. The application of phosphate each spring in addition to limestone treatment has given a yield of 1.35 tons per acre each year more than the untreated plot. When manure was applied at seeding time instead of phosphate each spring, the increased yield amounted to 1.19 tons. Where plots received lime, manure, and phosphate an average yield increase of 1.80 tons resulted.

EACH METHOD MAKES PROFIT

Analyzing the four-year results of the tests, adjusting them to an acre basis, and using cash costs, gross return, and profit figures, the following summary results in averaging the data for the four experimental fields:

(Cost, yield, and gross returns figured per acre for four years.)
Lime—Extra cost for treatment, \$9; yield increase, 2.33 tons; gross return, \$23.30; net profit, \$14.30 or \$3.57 per acre, per year.

Lime phosphate—Cost, \$16; yield increase, 5.39 tons; gross return, \$53.90; net profit, \$37.90 or \$9.48 per acre, per year.

Lime manure—Cost, \$17; yield increase, 4.77 tons; gross return, \$47.70; net profit, \$30.70 or \$7.67 per acre, per year.

Lime, manure, phosphate—Cost, \$24; yield increase, 7.20 tons; gross return, \$72; net profit, \$48, or \$12 per acre, per year.

The cost and other data are: limestone, \$3 per ton, applied on field; manure, \$1 per ton, actual cost locally of putting it on land; phosphate, \$2 per year per acre for 150 pounds of 16 per cent, applied on land. The sale price of the alfalfa was figured \$10 per ton in the windrow, the prevailing price in southeastern Kansas.

THE BEST VARIETIES

The varieties of alfalfa used are Grimm and Kansas Common. Each plot is divided half and half between the two varieties, either of which is recommended for Kansas conditions.

As the figures show, any one of the four methods will produce substantial returns, though the lime phosphate method is to be recommended as best unless the barnyard manure is plentiful, according to Professor Landon. In that event the complete lime-manure-phosphate treatment is considered best. The tests show it will yield the greatest profits.

The tests at Ft. Scott and those at Columbus cover three years and those at Rest and Moran cover four years. At Moran and Columbus the fields are very acid on the surface,

while at Ft. Scott the soil shows no lime requirement and hence the lime treatment gave only an average increase in yield of one-fourth ton per acre per year.

Since the tests cover only three and four years the results to date allow a slight chance for erroneous conclusions, Landon points out. As a whole, however, they agree with other experimental data and substantiate the value of the several treatment methods in overcoming disadvantages of acid soils and worn out land.

WRESTLERS DO WELL IN CONFERENCE MEET

Team Ties for First in Total Points—
Errington Wins Big Six Heavy-
weight Title

The Kansas Aggie wrestling team tied with Oklahoma university in number of points amassed at the annual Big Six conference individual championship meet at Norman, Okla., last Saturday. C. H. Errington, Ruleton, heavyweight, won the conference championship in his class.

Oklahoma and the Aggies each had 16 points, Iowa State 14, Kansas university 13, Nebraska 9, and Missouri 6. Oklahoma had two firsts, a second, and three thirds, while the Wildcats had a first, two seconds, three thirds, and two extra points for falls.

The summary of the finals:

115 pounds—Leach, Oklahoma, won from McCormick, Iowa State, by decision.

125 pounds—Mantooth, Oklahoma, won from Buckland, Nebraska, by decision.

135 pounds—Holding, Iowa State, won from Albert Brown, Manhattan, by decision.

145 pounds—Cox, Kansas U., won from S. E. Alsop, Wakefield, by decision.

155 pounds—Simic, Nebraska, won from J. R. Warner, Whiting, by decision.

165 pounds—Church, Kansas U., won from Hawkins, Missouri, by decision.

175 pounds—Robbins, Missouri, won from Cochrane, Kansas U., by decision.

Heavyweight—C. H. Errington, Ruleton, won from Bass, Oklahoma, by decision.

Aggie point winners were:

115 pounds—K. J. Latimer, Humboldt, third.

135 pounds—Albert Brown, Manhattan, second.

145 pounds—S. E. Alsop, Wakefield, second.

155 pounds—J. R. Warner, Whiting, third.

175 pounds—R. H. McKibben, Kansas City, Kan., third.

Heavyweight—C. H. Errington, Ruleton, first.

PROGRESS OF KANSAS PRESS

F. E. C.

The Osborne County Farmer and the Clay Center Times are two more papers which recently changed to a 12 em column.

The Burlington Republican stamps the name and address of the subscriber on the paper in red ink, thereby making the address easily noticeable and readable.

Grafton Nutter has owned the Republic City News for 21 years. The occasion of the twenty-first anniversary of his becoming editor prompted an interesting column of reminiscence.

Single wraps of the Frankfort Index, the daily published by H. H. and A. P. Hartman, carry these welcome words: "This is your home town paper." They are printed on the wrapper in red ink.

A feature of G. C. Hall's Jefferson County Daily is called "Birthday Greetings" and is dedicated to local youngsters under 21 years who have birthdays during the 10 days following the date of that issue.

In the Junction City Republic, C. H. Manley, jr., is running a poultry column to encourage advertisements of baby chicks, setting eggs, and breeding stock. A flat rate per word is charged for publication of the notice up to June 1, with a minimum of \$1.

Last week the Belleville Telescope was credited with being the first Kansas newspaper to print an edition on newsprint made of cornstalks. A reader of the column rises to make the correction that the Parker Message was first in this venture in Kansas, having printed an issue on cornstalk paper several weeks ago. H. M. Fleenor is editor of the Message, and it is owned by J. F. Newell.

GAMMA SIGMA DELTA APPROVES 43 NAMES

HONOR SOCIETY OF AGRICULTURE CHOOSES NEW MEMBERS

Undergraduates Taken from Upper 15
Per Cent of Senior Class—Three
Elected from Other Divi-
sions of College

Forty-three undergraduate students, graduate students, and members of the Kansas State Agricultural college faculty were approved this week for membership by the K. S. A. C. chapter of Gamma Sigma Delta, national honor society of agriculture. The list includes 10 faculty members, 19 graduate students, 11 undergraduates in agriculture, two undergraduates in veterinary medicine, and one undergraduate in general science.

K. W. Niemann, Manhattan, and L. O. Mott, Spencer, Neb., of the division of veterinary medicine, and P. J. McCroskey, Netawaka, of the division of general science, were elected from outside the division of agriculture.

MUST BE GOOD STUDENTS

Undergraduates elected to membership must be in the upper 15 per cent of their class in scholarship, and possess other necessary qualifications. Graduate students and faculty members may be chosen at the discretion of the organization.

Faculty members elected were: A. E. Aldous, professor of agronomy; M. A. Alexander, instructor in animal husbandry; Harold J. Brooks, instructor in dairy husbandry; O. H. Elmer, assistant professor of botany and plant pathology; H. K. Gloyd, instructor in zoology; Dr. Minna E. Jewell, assistant professor of zoology; Dr. William Max McLeod, associate professor of veterinary medicine; Ralph Dale Nichols, research assistant in agricultural economics; L. R. Quinlan, assistant professor of horticulture, and Walter G. Ward, professor of rural engineering.

MASTER'S DEGREE CANDIDATES

Those elected who are candidates for the master's degrees are:

Jean Greiner Alexander, Manhattan; F. W. Atkeson, Moscow, Ida.; Arthur T. Bartel, Aberdeen, Ida.; A. W. Benson, Clay Center; V. D. Foltz, Belle Plaine.

C. T. Blunn, Los Angeles, Cal.; Homer C. Bray, Salem, Ore.; P. W. Cockerill,

Manhattan; Hubert L. Collins, Topeka; William E. Connell, Rupert, Ida.; G. L. Graham, Manhattan; D. G. Hall, Manhattan; W. R. Horsfall, Monticello, Ark.; V. C. Hubbard, Minneapolis, Minn.; D. F. King, Manhattan; Iva Larson, Alcester, S. D.; G. E. Marshall, Bonner Springs; F. L. Smith, Snowflake, Ariz.; George B. Wagner, Manhattan.

Undergraduates in agriculture elected were:

H. C. Abell, Riley; H. P. Blasdel, Sylvia; Albert Brown, Manhattan; Norman Curtis, Toronto; C. C. Eustace, Wakefield; L. W. Koehler, Manhattan; Ralph O. Lewis, Parsons; A. W. Miller, Manhattan; S. G. Kelly, Manhattan; James L. Blackledge, Sheridan, Wyo.; Walter P. Powers, Netawaka.

FIFTY EXPECTED OUT FOR SPRING FOOTBALL

McMillin Has Four Assistants for In-
tensive Work—Frosh Prospects
Good Despite Casualties

Nearly 50 candidates for positions on the Kansas Aggie varsity football team next fall were expected out for the first spring football practice Monday. Nineteen lettermen were included. In spring practice Coach A. N. McMillin will be assisted by Coach Carl (Swede) Anderson, of the Western Kentucky Teachers' college, a former player under McMillin. Anderson attended the coaching school conducted by McMillin and C. W. Bachman here last summer.

Other coaching assistants will be Frank Root, first assistant varsity coach, O. W. (Oss) Maddox, assistant coach who specializes on the line; George (Babe) Lyon, Aggie all conference tackle last fall, and M. B. Pearson, varsity center for three years.

Included in the varsity candidates are lettermen for every position, with a surplus in most of them. In spite of the usual heavy casualties because of grades, finances, and for other causes, an unusually good lot of freshman material will be back for competition next season.

All four ends from last fall's team are back. They are W. W. Daniels, Luray; William Bokenkroger, Sabetha; H. A. Dimmitt, Roswell, N. M., and William Towler, Topeka. Towler is a two-letter man. Fred Knorr, Manhattan, a sophomore who improved consistently during the season, is another experienced end.

Leading the tackle candidates is Captain A. H. Freeman, 6 foot 4 inch product of Hoxie, Kan. Other "K" tackles are C. O. Tackwell, Manhattan; K. C. Bauman, Salina, and D. M. Telford, Manhattan. The first two are two-letter men.

E. C. McBurney, Newton, a two-letter man; C. H. Errington, Ruleton, and James Yeager, Bazaar, are the returning varsity guards. Robert Sanders, Burlington, has the center job to himself, unless sophomore material is too good.

Three halfbacks, all with one letter, are in school. They are Alex Nigro, Kansas City, Mo.; W. H. Meisinger, Abilene, and H. R. Weller, Olathe.

As quarterbacks McMillin has W. E. Platt, Manhattan, and Marion Evans, Gove, either or both of whom may be shifted to halfback. Price Swartz, plunging sophomore from Everest, and Henry Barre, Tampa, are the returning fullbacks.

Raymond McMillin, nephew of the Aggie coach, and Frank Prentup, Ft. Riley, will be sophomore candidates for quarterback next fall.

Other freshmen who are expected out for spring practice are as follows:

Halfbacks—Fred Schmidt, Junction City; L. M. Hall, Downer's Grove, Ill.; Emanuel Boxberger, Wakeeney; Leland Sloan, Boise City, Okla.; E. C. Black, Utica; Lawrence Breymer, Wamego; W. H. Cox, Ottawa; H. B. Ryon, Chillicothe, Tex.

Fullback—George Wiggins, Lyons. Ends—Paul Fairbanks, Topeka; H. O. Cronkite, Belle Plaine; Ralph Vohs, Parsons.

Tackles—Lynn Drake, Natoma; Alvin Stephenson, Clements; Clinton Thomson, McCune; S. E. Horner, Abilene; Allen Tucker, Ottawa. Guards—T. Rostoci, Zurich; W. C. Stephenson, Effingham; Adolph Hrab, East St. Louis, Ill. Max Fockele, Ottawa; W. C. Sarna, Ada.

Final Big Six Standings

| | W. | L. | Pct. |
|-------------|----|----|-------|
| Oklahoma | 10 | 0 | 1.000 |
| Missouri | 7 | 3 | .660 |
| Nebraska | 5 | 5 | .500 |
| Iowa State | 4 | 6 | .400 |
| K. S. A. C. | 2 | 8 | .200 |
| Kansas U. | 2 | 8 | .200 |

Final Wrestling Standings

| | W. | L. | T. | Pct. |
|-------------|----|----|----|-------|
| Iowa State | 5 | 0 | 0 | 1.000 |
| Oklahoma | 4 | 1 | 0 | .800 |
| Nebraska | 2 | 2 | 1 | .500 |
| K. S. A. C. | 2 | 3 | 0 | .400 |
| Missouri | 1 | 3 | 1 | .250 |
| Kansas U. | 0 | 5 | 0 | .000 |

GOOD MARKET SYSTEM AID TO POULTRYMEN

REFRIGERATION BOON TO PRODUC- ER, SAYS PROF. L. F. PAYNE

Egg Buying On Graded Basis Offers
Opportunity for More Profits by
Good Management, and Should
Be Encouraged

There are five important reasons why Kansas ranks high in the production of poultry, Prof. Loyal F. Payne, head of the college poultry department, declared in a recent public address. These reasons he summarized as follows: the nationality of early Kansas settlers and the present inhabitants, the geographical location, the climate, the type of agricultural pursuits, and the market outlets.

Kansas people produce much poultry because they have come from counties which had given attention to poultry culture and their knowledge of the culture was soon adapted to Kansas conditions. The state with a fairly mild climate and much sunshine is well adapted to poultry production. Since Kansas is essentially a grain producing state and since poultry requires much concentrated feed, the type of agriculture of the state promotes the poultry industry.

DISCUSSES MARKET OUTLETS

Concerning the market outlets, Professor Payne said: "A very efficient marketing system has been available in most sections of Kansas for many years. Poultry and egg buyers have equipped their establishments with refrigeration so that deterioration almost ceases as soon as the eggs are received at the buying stations. The eggs are kept cool until a quantity accumulates when they are loaded into refrigeration cars where they are kept cool until they reach the consumers in the east. If it were not for refrigeration we would be receiving five and 10 cents a dozen for eggs during the summer instead of the 15 to 20 cents which we now receive.

PREMIUM ON QUALITY

"The most recent improvement in marketing is the adoption by many dealers of buying eggs on a graded basis. By this system one is paid for his eggs according to their market value. Good quality eggs bring a premium while poor quality eggs are penalized. With this method every producer has an opportunity to increase the income from the poultry flock by giving it good care and management. Kansas egg buyers were among the first to adopt this plan and they should be encouraged in every possible way to further develop the plan.

"We have endeavored to give you some of the reasons why Kansas has in the past, and we hope will continue in the future, to rank high as a poultry producing state. The inherent ability of much of her rural population to succeed with poultry; her ideal geographical location; the moderate climate, being out of range of extremes in both winter and summer; the fact that we are in the grain belt and that we have a well developed marketing system are probably sufficient reasons for the poultry industry thriving in this state as it has."

Manhattan a la Chicago

Quiet Aggieville took on a Chicago atmosphere Monday, when a speeding automobile, hotly pursued, careened down Anderson avenue with revolver bullets flying. Students hurried to see, saw, and ducked. The pursuer was Sheriff Marshall Docking of Riley county, and a deputy, who received a tip that a liquor car was bound for Manhattan and took up the chase about five miles west. The car was stopped just west of the college book store, with both tires on the left side shot down, two holes through the gasoline tank, and two through the radiator. The four occupants were arrested and booked on charges of possessing and transporting liquor.

Moser Changes Jobs

Lee C. Moser, '18, who has been in the employ of the Albert Frank and Company Advertising agency, New York City, has accepted a position as a general executive with Grover O'Neill and Company, investments, 22 William street, New York City.

THE KANSAS INDUSTRIALIST

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Number 23

COOPERATIVES COME UP FOR DISCUSSION

MARKETING MEN TRADE VIEWS IN TWO DAY SCHOOL

Agree That Members and Managers Must Have Better Understanding of Principles Underlying Successful Cooperative Effort

There should be a better understanding of the principles underlying successful cooperation in farm organizations, each of 17 speakers on the school of cooperative marketing at the college last week declared. Educational work to bring about a thorough understanding of the advantages of cooperation, the underlying principles, and possible results of cooperation was urged by men experienced in agricultural cooperatives.

PLAN ANOTHER SCHOOL

The general idea and plan of the cooperative marketing school was endorsed and plans were laid for a more comprehensive program in 1930. Dr. W. E. Grimes, head of the college department of agricultural economics, said after the two day program.

How a successful cooperative creamery has built up agriculture in his community, the desirable effects of this successful institution, and some of the reasons for a realization of the desirable results were presented by H. J. Meierkord, banker-farmer of Linn, Washington county. The creamery at Linn has grown from a small institution to one which makes nearly a million pounds of butter each year, bringing into the community hundreds of thousands of dollars each year. Bank deposits locally have shown a health condition since the creamery was started.

GOOD RESULTS OF COOP

"The cooperative creamery has brought about better farming," Mr. Meierkord said. "We can prove this by saying that Washington county won the Kansas Better Farming contest two years ago. That same year we also won on agricultural exhibit at the Topeka and Hutchinson fairs. The county leads as one of the three leading dairy counties."

"It also had the first cooperative Holstein bull association and was first in worm free control practices in swine. It is first in number of dairy herds in herd improvement associations to average 300 pounds per herd. In 1919, when the cooperative creamery was organized, a herd improvement association was also started in which we found there were three herds averaging over 300 pounds per herd. In 1928 we find that there were 19 such herds in this same association."

The Washington county man pointed out other ways in which Washington county farmers had demonstrated their desire to be foremost in adopting new agricultural practices. Concerning the manner in which the cooperative creamery helps business men in the towns, Mr. Meierkord said:

MERCHANTS LIKE IT

"Our merchants like the dairy program because charge accounts with them are almost nothing. Everybody pays cash at least once a month when the creamery pays out. It is not uncommon for our creamery to write checks to dairy farmers for more than \$200 and as high as \$300 for a month's cream production."

"Generally we earn our members from 4 to 6 cents per pound of butterfat over the Kansas City price. We also believe that prices at the stations are stimulated by our existence. The centralizers at first fought us by offering 2 cents more over what we paid, claiming that they could do that because we furnished our members free trucking service. Then we changed to the plan of assembling the butterfat, manufacturing it into butter, selling it, deducting the expenses, and dividing the proceeds, which is our present system."

"The cooperative creamery then,

the dairy cow, and other kindred enterprises that go with it are builders of prosperity. The old timers who have kept faith in the dairy cow these many years must indeed find profound satisfaction in realizing that the weak, insignificant industry of a century ago has now become the giant in agriculture. Times without number she has helped the farmer work out his economic salvation."

COLORFUL PAINTINGS IN CHARMAN EXHIBIT

Water Color Work on Display at Library Offers Interesting Comparison to Sandzen Studies

The library art gallery makes an effective show place for the vivid color and bright sunlight of the Charman paintings that hang there this week and next.

The department of architecture is presenting in its second exhibit of the spring, water color studies by Mr. and Mrs. Montague Charman of Syracuse, N. W.

The work of these artists is interestingly different in technique and subject from the impressionistic studies by Birger Sandzen which were here last month.

Colorful boats in the sunshine, white buildings in bright light, charming country scenes in western New York state and pastoral glimpses of English countryside are portrayed in a purely English and relatively conservative manner.

The college was able to arrange for this showing through the personal acquaintance of the artists with John F. Helm, jr., of the architecture department.

Mr. Charman is an Englishman who recently came to this country to head the department of design in the college of fine arts, Syracuse university. Mrs. Jessie H. Charman, who teaches water color in the same university and was formerly head of the interior decoration department, is a graduate of the Philadelphia School of Design for Women, a member of the National League of Pen Women and has studied in London with Alfred Carpenter and Sidney Howard.

Their paintings have been received by such distinguished organizations as the Baltimore Water Color club, the Pennsylvania Fine Arts academy, and at Palm Beach.

ERRINGTON WINS POINT CUP GIVEN BY WRESTLING COACH

Has Season Total of 31 Points—Warner is Second

C. H. Errington, Ruleton, won the cup offered by Ruel R. Patterson, wrestling coach, to the team member making the greatest number of points in competition during the season. He had 31 points, one more than the season total of J. R. Warner, Whiting, 155 pounds.

Errington was Big Six conference heavyweight champion, and was undefeated in conference competition during the season. Both he and Warner are sophomores. Captain Albert Brown, Manhattan was third with 22 points.

HIGH SCHOOL MAT TEAMS SEND TOURNAMENT ENTRIES

Second Annual Meet To Be Held March 29 and 30

Four entries have been received and several more are expected for the second annual state invitational high school wrestling tournament, to be held at the college March 29 and 30. Manhattan, Oberlin, Douglass, and Clay Center have sent entries, and several other teams, Wichita among them, have signified their intention of coming.

Team cups will be given for both first and second places, and individual medals for first, second, and third places. Preliminary matches will be held Friday afternoon, March 29, and finals March 30. Wichita won the first meet, held last year.

PRIZE WINNING ESSAY TELLS STORY OF WAR

DEFECTS OF UNION POLICY TOLD BY DR. F. A. SHANNON

K. S. A. C. Professor Wins \$200 Justin Winsor Award for Best Essay in Biennial Contest of American Historical Association

The story of a nation plunged into an intersectional war "thoroughly unprepared for the conflict" is told in a two volume essay by Dr. Fred A. Shannon of the college history department, which won first place in the biennial contest of the American Historical association last December by unanimous vote of the committee.



F. A. SHANNON

The award carried with it the Justin Winsor prize of \$200.

"The total strength of the army was only about 16,000 men," says Doctor Shannon in the work, "The Organization and Administration of the Union Army, 1861-65."

"There was no law providing for increase in the military establishment, and no law could be passed until congress should be assembled. President Lincoln refused to call congress into session until nearly three months after the beginning of the war. In the meantime, the early day enthusiasm of the North was beginning to abate. When congress met, even the strongest administration supporters tried to reserve to the state the right to recruit, organize, equip, officer, and train their own troops."

PROFITEERS ROBBED NATION

"Through state control, the army contract business fell into the hands of designing persons who robbed the government of millions of dollars, and wrought untold hardships on the soldiers. Discipline was sadly neglected, and ill trained, poorly equipped armies were sent into the field, and thousands of lives unnecessarily sacrificed."

Lack of appreciation of the enormity of the task ahead was responsible for much loss of life and money, Doctor Shannon believes.

"Blunder succeeded blunder," he says. "In April, 1862, the secretary of war stopped all recruiting at the very time when additional troops were most needed. Profiting little by the lessons of Bull Run, it was not until after the failure of the peninsular campaign that a frantic effort to correct the situation was made. Lincoln called for 300,000 volunteers. He attempted to complete by draft the quotas of the militia in deficient states. The absence of any means, legal or constitutional, doomed this to failure."

CONSCRIPTION A FAILURE

"Failure of conscription because of the feature which allowed furnishing of substitutes on payment of \$300, coupled with the fact that the draft was considered a disgrace, threw the government back on the bounty plan. About \$750,000,000 was spent by nation, state, and individuals in this form of mercenary

inducements. This nearly equalled the aggregate wages of the whole army for the entire period of war.

"During the war 420,000 desertions occurred, largely attributable to bounty jumpers."

Doctor Shannon is professor of industrial history at the college. His work was started in 1918 and published during the summer of 1928. Previous to and during the 10 year period he conducted extensive research into the field of American history, particularly during the Civil war period.

For the last five years he has been a member of the committee on research in colleges of the American Historical association, and for the last three years a member of the executive board of the Mississippi Valley Historical association. He is chairman of the program committee for the meeting of the association in April at Vincennes, Ind. Next summer he will be a member of the summer school faculty of Ohio university, as a visiting instructor.

AG FAIR COMMITTEE CHAIRMEN ANNOUNCED

Students Plan for Annual Carnival and Exposition, Which Probably Will Be Held May 4

Committee chairmen were announced last week for the annual Ag Fair, carnival celebration given on the Kansas State Agricultural college campus every year by students in the division of agriculture.

Those selected are as follows:

Arches, J. E. Clair, Manhattan; P. E. Brookover, Scott City. Educational exhibits, R. O. Lewis, Parsons; Harland Stevens, Valencia. Follies, Kenneth Gopen, Manhattan.

Minstrel, O. G. Lear, Rodeo, R. Rawlins, Whiting, and J. A. Terrell, Syracuse; parade, W. E. Schaulis, Wakefield, and F. A. Mueller, Sawyer. Concessions, C. P. McKinnie, Glen Elder, and W. E. Gregory, Walnut.

Publicity, H. C. Abell, Riley, and M. R. Salmon, Manhattan. Side shows, T. W. Kirton, Amber, Okla., and J. J. Curtis, Toronto. Signs, S. G. Kelly, Manhattan, and W. A. Meyle, Holton. Police, O. W. Greene, Paradise.

Ferris wheel, Harry Axtell, and M. A. Schiehuber, Durham. Merry-go-round, J. H. Sutton, Ensign, and W. D. Lyons, Faulkner. Saloon, S. E. Alsop, Wakefield, and G. C. Isaac, Baldwin. Barbecue, Roy Bonar, Washington, and Walter Powers, Netawaka. Dairy counter, Merle Mundhenke, Lewis, and R. W. Stumbo, Bayard.

Dance, F. W. ImMasche, Saffordville, and R. M. Hoss, Potwin. Lights, John Decker, Holton, and O. E. Hays, Manhattan; Tickets, R. L. Remsburg, La Harpe. Fence, J. H. Greene, Beverly, and E. M. Leary, Lawrence. Bleachers and seats, Fred Schultis, Sylvan Grove, and F. A. Blauer, Stockton.

Crazy house, F. J. Raleigh, Clyde, and S. W. Stewart, Vermillion. Ballyhoo and band, W. M. Newman, Centuria. Livestock show, C. S. Channon, Polles and minstrels, E. S. Schultz, Miller, and A. S. Lambertson, Fairview. Transportation, R. W. O'Hara, Blue Mound.

The board of four members elected last spring to govern the fair is as follows: H. P. Blasdel, Sylvia, manager; Francis Raleigh, Clyde, assistant manager; R. L. Remsburg, La Harpe, secretary-treasurer; William Chapman, Wichita.

DEAN JUSTIN ADDRESSES HOME ECONOMICS WORKERS

Several K. S. A. C. Faculty Members Attend State Meeting

Several members of the college home economics faculty, and students in the division, attended the meeting of the state Home Economics association in Topeka Friday and Saturday.

Dean Margaret Justin, who is president of the National Home Economics association, was a speaker before the convention.

Members of the faculty attending were: Dean Justin, Mrs. Lucile Rust, Miss Martha Pittman, Dr. Margaret Chaney, Miss Gladys Vail, Miss Ruth Tucker, Miss Myra Potter, Mrs. Besie Brooks West, Miss Lillian Baker, Miss Beth Quinlan, Miss Beth Coles, Miss Esther Bruner, Mrs. Katherine Hess, and Miss Araminta Holman.

Offer Drill Medals

Medals for proficiency in drill will be awarded to the best freshman and best sophomore artillery R. O. T. C. student by Mortar and Ball, honorary organization for advanced course artillerymen.

PROGRAM READY FOR APRIL 6, SHEEP DAY

DEMONSTRATIONS AND TALKS MAKE UP SCHEDULE

Had Good Attendance Last Year, Despite Bad Weather, Reed Reports—Will Move Inside This Year if Necessary

A program intended to be both interesting and helpful to Kansas sheepmen has been arranged by Prof. Harry E. Reed of the college animal husbandry department for the second annual sheep day at the college April 6. The program will consist of several practical demonstrations at the sheep barn in the forenoon and talks and demonstrations in the livestock pavilion in the afternoon.

MEETINGS UNDER COVER

"The first sheep day program brought many farmers and sheepmen to Manhattan to see the demonstrations," Professor Reed said. "In spite of inclement weather and bad roads some 200 were present. This year all demonstrations will be held inside the pavilion if the weather is unfavorable on April 6."

The sheep day program follows: 10 a. m.—Selection and care of ewes for the farm flock, A. M. Patterson; selection and care of rams, H. E. Reed; lambing time, T. W. Kirton; creep feeding, A. M. Patterson; docking, castrating, stomach worms, shearing, H. E. Reed and Thomas Dean; preparing and marketing wool, C. G. Elling; how to get a profitable wool crop, M. A. Alexander; sheep pastures, C. E. Auel.

A LUNCH O' LAMB

12:15—Lunch, "Eat More Lamb," D. L. Mackintosh.

1 p. m.—Greetings from President F. D. Farrell; where do we go from here, Dr. C. W. McCampbell; the woolly west as a source of supply for Kansas, Joe Goodwin; what can we do with type, H. E. Reed and D. L. Mackintosh; question box, H. E. Reed.

AGGIE RIFLE TEAM WINS VALLEY TITLE

First in Telegraphic Matches With Consecutive Victories—Five to Enter Shoulder to Shoulder Meet

The Kansas Aggie Men's rifle team has won the telegraphic meet championship of the Missouri Valley rifle league, according to Captain Maurice Rose, in charge of the team. The Wildcats finished the competition with four straight victories.

The final match in the telegraphic competition was won from the Missouri U. team, 3,574 to 3,544.

Last year the Aggies won the shoulder to shoulder match of the league, while Missouri won the telegraphic championship. In the telegraphic meet 15 men fire from each school, with the scores of the 10 highest counting. Five men are sent to the shoulder to shoulder meet, which will be held this year either at Iowa City, Iowa, or St. Louis, Mo.

Members of the valley league are K. S. A. C., Missouri, Nebraska, Oklahoma Aggies, and Washington university of St. Louis.

Two weeks ago the Aggies fired in the Hearst Trophy matches, one of the largest of the national meets. Three teams entered the firing. Last year the Aggies first team took second in the Hearst matches, with more than 100 teams firing.

Members of the Aggie team are: Captain A. O. Flinger, Manhattan; Glenn Koger, Herington; Max W. Coble, Sedgwick; C. E. Reeder, Troy; C. O. Little, Manhattan; J. W. Schwanke, Alma; R. O. Thompson, Wichita; E. L. Ross, Ashland; M. B. Sanders, Marion; O. G. Rogers, Bronson; D. M. Earl, Nickerson; A. W. Bennett, Great Bend; Robert Pfuetz, Manhattan; L. A. Will, Denison; E. F. Harmison, Great Bend; H. H. Kirby, Toronto.

Fresh air, like an apple a day, keeps the doctor away.

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WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, MARCH 20, 1929

MODERN MAGICIAN

Attending the engineers' open house on the campus last week was like glimpsing a cross section of the technological era in which we live today. The event was the annual "at home" given by the students of engineering to the public.

The work of the engineering student and the equipment that he uses are not familiar to most people. Open house gives him an opportunity to show visitors what he does and how he does it.

In order to carry out this plan some special attractions are necessary. An inspection of the work of the engineering division would be tiresome to those not especially interested without it. It was that phase of the subject that suggested the various engineering stunts which are made a part of the open house program. These stunts are simply stunts. All of them, it is true, are based upon some engineering principle and some are instructive, but they are primarily intended merely to add zest to the party. This they undoubtedly succeed in doing.

Commercial applications of engineering principles are also used as attractions. Any commercial engineering product would be an acceptable exhibit. The automobile show and the radio show at this year's open house were perhaps the most popular types of exhibits in this class.

Then there is that type of attraction which represents rather exceptional advancement in engineering research. In recent years there are perhaps three outstanding developments—the sending of pictures by telephone and wireless, sound motion pictures, and televox.

Televox was selected as the attraction in this group and was exhibited through the courtesy of the research laboratories of the Westinghouse Electric and Manufacturing company.

Several innovations were incorporated in the open house this year. This is the first year that the program was given at night. This was done to permit the business men of the vicinity an opportunity to attend and also to make possible electrical effects that would be impracticable in daylight. The program was given on Saturday afternoon so that high school students could attend. Special invitations were sent to the high schools in the near vicinity.

Engineering to the layman who attended the open house is still the profession of the modern magician, possibly even more now than before he saw the modern wonders. But the layman who saw knows better the gratitude he owes the engineer, for he has seen the works of his brain and his hand.

JEST PUTTER 'ROUND

"I don't like the service I am obliged to accept at the White House," said Calvin Coolidge, and then explained that if the fence needs fixing, or the latch on the kitchen door is broken, he likes to be able to fix it himself.

Some time ago we may have smiled at pictures of Coolidge as a dirt farmer, but now he seems sincere enough when we read that the first

thing he did in Northampton was to spend an hour and a half in the basement—tinkering.

Small wonder that someone in attempting to explain the popularity of the man said that he is "intelligible to the mass mind!"

And possibly there's a moral in the story, to the effect that the over ambitious wife should not discourage a "tinkering" husband. He might become some day!

BOOKS

Farming in Fiction

"Joseph and His Brethren," by H. W. Freeman. Henry Holt and Company. \$2.50.

Realistic fiction, which attempts to portray life as it is, often presents life as it was, not is. Perhaps novelists must wait until an era or temporary situation is almost or entirely past before they can see it with the proper perspective for a novel.

At least it seems that some contemporary writers of supposedly realistic fiction on farm life are a little late. They are arguing, through the theses of their books, whether or not the farmer likes the way the soil saps his entire vitality and enslaves him for life.

In "Joseph and His Brethren," H. W. Freeman writes of a farmer and his four sons and the history of their farm "as truth will paint it." The farmer's wife, worn out, used up by the grimly relentless soil, dies, but her men struggle on and after a longer lifetime of existing only for the fields, they force the fields to flourish. Mr. Freeman implies that they like it. That, though not an hour has been spared for themselves in their grindstone existence, they become so identified with the land that they have no desire to leave it.

Other writers on middle western life maintain that this assumed enslavement by the soil simply deadens the sensibilities of man until he does not think nor feel about it, merely stumbles blindly and doggedly on.

This difference of opinion as to whether or not the farmer is a loyal and willing slave seems very much beside the point, or rather, behind it. The day in which land all but mastered man seems almost over. At least for the middle west. It is only on the frontier that nature is almost too much for man. The frontier is small now and such a story of grim struggle as "Stump Farm" by Hilda Rose could be written only in a relatively few isolated spots in this country.

Here in the middle west the farmers are stretching their arms in triumphant relief after generations of struggle. The modern farmer is truly "lord of all he surveys."

—Lillian Hughes Neiswanger.

CHILDREN'S BOOKS OF TOMORROW

How curious the way in which certain books that were written for and read by the adults of one generation become the prey of children in the next! Among all my acquaintance I know only one person over 16 years of age who reads the Waverley novels for pleasure. Dickens, too. Most people read Dickens before they are out of their teens and seldom look at him again. How mistakenly! For Dickens' work is like a wine that improves with age—the age, not of the bottle, but of the taster. The richer the experience of the reader, the riper seems Dickens. At 16 one enjoys the extravagant impossibility of his caricatures; at 35 what one appreciates is their absolute fidelity to nature. Many are foolishly content with their adolescent impressions of Dickens and never re-read him. Not all, however. For the discerning Dickens is still very much of a grown-ups' author.

But what about Lord Lytton, what about Harrison Ainsworth, what about Charles Reade, what about Wilkie Collins? These have all ceased to be legible by adults and become children's authors. The process is not yet ended. Conrad, if we may believe the testimony of his friends, was haunted by the fear that he, too, would suffer a similar sea change and that his stories would come to be regarded by a future generation as we now regard the "Midshipman Easy" of Captain Marryat and even (fantastic irony!) Melville's vast mystical epic, "Moby Dick." Time will show whether Con-

rad's previsions were well founded. Why the prospect of becoming a boy's author should so greatly have distressed him I hardly know. I myself should be delighted if I could be shown a prophetic glimpse of some young mother of the twenty-first century reading my works aloud to a group of wide-eyed and attentive babes. —Aldous Huxley in Vanity Fair.

nual volume, "The Best College Short Stories," printed in Boston.

TWENTY YEARS AGO

The marriage of Kate Robertson and Wayne White occurred at the home of the former's parents at 930 Osage, Manhattan.

E. C. Farrar, '07, principal of the Centralia high school, wrote that he

The Newspaper a Commercial Enterprise

Marco Morrow

The newspaper is not a despot with authority from on high; it is a public servant, subject to the will of the people; it is not a prophet with an inspired message; it is a priest subject to the holy spirit of the times.

Well, what is our Zeitgeist? What is the spirit of our age? Shall we not frankly admit that we are a materialistic people? The world so regards us. The phrase "the land of the dollar" had almost been forgotten, but it has taken on new life since the treaty of Versailles. And there is something to be said for materialism. We are a young people. We had a new continent to subdue. Science and invention handed us tools that were undreamed of a century ago. We took them and followed the scriptural injunction to do with our might whatsoever our hand findeth to do. The gold of the world is in our coffers; the go-getter and the up-and-doer are still with us; and they need not, Alexander-like, weep for more worlds to conquer; for there is still much that may be done; still highways to build; sky-scrapers to rear; mergers to effect; and an insatiate appetite for jim-cracks and gee-gaws to appease.

The day is not yet when our boasted American spirit of energy, initiative and enterprise will lag. We have not lost our materialism despite the pale pink leaven that ferments in our midst. Despite the dreams of poet and prophet, the second quarter of the twentieth century is commercial and industrial. It is still true that "things are in the saddle," and the press, as is every other institution in the age of industrialism, is necessarily dominated by things. Business supports the press; business pays the fiddler and in the end, business must be served. So let us have done both with the lamentations of the utopians over the commercialism of the press, and with self-reception and hypocrisy on the part of newspaper men. The newspaper of today is a commercial enterprise, serving a commercially minded people in a commercial age. That is the end and aim of its being. It has its warrant for existence from the people; it exists only by public favor, and it is physically impossible for it to rise higher than the source of its existence.

A BLACK EYE FOR HONESTY

Honest advertising, as well as our new cult of hero worship, received a black eye last week when, in the same newspapers that carried the story of the America's thrilling rescue of the Florida's crew, appeared the half page advertisement of Lucky Strikes, wherein Captain Fried is depicted as giving great credit to the cigarette for the part it played in the rescue. This was followed later by an even more fulsome testimonial from Chief Officer Manning.

When I say "honest advertising," I mean just that. No question is raised but that Captain Fried signed the testimonial. It is even probable that he does smoke Lucky Strikes. But compare the style of the statement he is supposed to have made about the cigarette with that of his stark, restrained, unadorned story of the rescue. The hand is the hand of Fried, but the text is the text of the American Tobacco company.

—Sinclair Lewis in the Nation.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Fred Banier was managing a large ranch near Chandler, Ariz.

Alfred Midgley, '91, was assistant cashier of the Ottawa County bank at Minneapolis.

Lyman R. Hiatt, '17, was agricultural instructor in the schools at Thief River Falls, Minn.

The stories, "On to Berlin," by Leo C. Moser, and "The Cellar at 14 Rue Cholet," by Mrs. Ethel Strother, written while they were students in journalism, won distinction in an an-

was organizing a grand school excursion to the college.

Harold T. Nielsen, '03, resigned his position in the United States department of agriculture to enter farming as a business on a large establishment near Abilene.

THIRTY YEARS AGO

Prof. A. Emch spoke before the Engineering club on the perspective-graph and other link motions.

Superintendent G. D. Knipe of the Manhattan schools was granted an institute conductor's certificate.

Frank A. Waugh, '91, wrote from Cornell university, Ithaca, N. Y., that he was working hard for his Ph. D. degree and that he expected to receive it at the following commencement.

FORTY YEARS AGO

Clara M. Keyes, '87, wrote from California that she had taken a claim near Banner.

Officers of the Webster society were H. S. Willard, president; William Knabb, vice-president; G. E. Siocker, recording secretary; E. T. Martin, corresponding secretary; H. Darnell, treasurer; W. R. Browning, critic, and A. A. Gist, marshal.

FIFTY YEARS AGO

T. J. Jenkins had begun the construction of a stone dwelling house on the corner of Houston and Fifth streets.

A debate of the Webster society was participated in by N. A. Richardson, D. S. Leach, S. C. Mason, and Irving Todd.

The Rev. J. D. Daugherty of Ottawa was to lecture at the Congregational church on the subject, "Children's Rights."

STOCK

Elizabeth Coatsworth in the New Yorker

Oh, beautiful across the snow
The narrow tracks of cattle go.
They lift their wide horns to the sky,
They stare at engines snorting by.
Wild and shy and primitive
In lonely space their lives they live.
They break the ice of frozen streams,
Beneath their hoofs black water gleams.
They know rain, blizzard, sun, and sleet.
The last wolves' last attacks they meet.
Ranging, mating,
Starving, hating,
They forage far, they forage wide,
Crossing whole counties in their stride—
Oh, that adventures such as theirs
Should make Chicago millionaires!

SUNFLOWERS

H. W. D.

A LITTLE LEARNING

A little learning is a comfortable thing.

It leadeth one into broad generalization and glowing finalities.

If you know next to nothing about science, you are in an enviable position to laud it to the skies or sweep it clear off the boards. But the minute you learn a few basic facts about chemistry, medicine, or parasitology, you have to shut up blabbing about them.

The conclusions of scientists in regard to religion and poetry are marked by sweeping generalizations and beautiful periods. The opinions of preachers and poets in regard to scientific research are similarly adorned.

It would seem that schools should be set up to prevent our learning just the little that it takes to make bores of us for the rest of our natural lives. It would seem also that a law or something should be passed to prevent our dipping around in newspapers and magazines the way we do.

America, alas, is sadly afflicted with a little learning.

Let our educators face the situation honestly when they are next tempted to brag about our wonderful educational system.

Meanwhile, it behooves us all to run along in advance of those who would educate us and endeavor to show them how it should be done.

We can start out right at home by becoming doubtful about what we should do about it if we happened to be in our neighbor's shoes and had his wife or her husband or their flapper daughter or sheik son to put up with. The only reason on earth we are so certain about what we should do is that we don't know. We are quite modest about the convictions we hold in regard to what should be done about our own wives or husbands, and sons and daughters; for we happen to know enough not to be sure.

Then we can strive to learn to abstain from back-seat driving in all its various forms. And we can give over cussing the government—for a day or two each week. And we can coax the battle between the generations to lie down and rest every now and then.

More than all of these, we can learn to become suspicious of our own pronouncements big and small. Every time we have to throw on extra power to express an opinion we should instantly become suspicious of it and mark it for investigation.

Of course this is going to take a lot of joy out of life. But each time a little satisfaction of a lasting sort is going to seep in. As blah blah dies down, the quiet persuasive tone of those who really know will take its place.

It isn't really impossible to learn to like to listen to people who know what they are talking about and don't have to go into cerebral convulsions in a vain effort to be convincing.

If any man can convince me and bring home to me that I do not think or act aright, gladly will I change; for I search after truth, by which man never yet was harmed. But he is harmed who abideth still in his deception and ignorance.

—Marcus Aurelius.

AMONG THE ALUMNI

Helen Greene, '27, has left Miami, Fla., and is spending a few weeks at her home in Beverly.

John C. Noble, '28, has left Washington, D. C., to locate at 838 Union street, Schenectady, N. Y.

S. M. Fraser, '27, is employed by the Detroit Edison company, 2000 Second avenue, Detroit, Mich.

Mrs. Blanche Forrester, '27, has accepted a position as drama editor for the Household Magazine, Topeka.

R. S. Knox, '21, is an engineer with the Columbia Engineering and Management corporation, Columbus, Ohio.

Leaffa L. Randall, '09, is employed by the Marshall Field company, Chicago. Her address is 500 Fifth avenue.

H. M. Thomas, '98, and Jeanette (Perry) Thomas, '98, are living at 340 North Ritter avenue, Indianapolis, Ind.

Minnie J. Dubbs, '19, is located at 50 Nevines street, Brooklyn, N. Y. Myrtle Dubbs, '23, is at 600 Pingree, Detroit, Mich.

A. F. Rehberg, '25, is employed by the Brooklyn Edison company, New York City. His home is at 357 Ninth street, Brooklyn.

Edythe (Groome) Grannell, '15, is teaching domestic science in the Van Nuys high school at Van Nuys, Cal. Her address is 6837 Hazeltree street.

Victor R. Blackledge, '23, has opened a job printing shop in Sheridan, Wyo. Since graduation he has been engaged in advertising work in Sheridan.

Dorothy Sheetz, '27, visited friends on the campus recently. Miss Sheetz is connected with the Visiting Housekeepers association at Detroit, Mich.

I. K. Tompkins, '29, who completed his work at the close of the fall semester, has accepted a position as assistant county agent for Smith county.

Erle H. Smith, '15, Kansas City, Mo., is editor of the Eagle's Nest, an aircraft publication published monthly by the Eagle Aircraft corporation of Kansas City, Mo.

M. A. Edwards, '28, is on a year's leave of absence from the National Refining company at Coffeyville to work in the General Electric laboratories at Schenectady, N. Y.

Lillie Brandly, '27, was awarded a \$50 prize in a guessing contest held in connection with Essex Challenger week, recently. Miss Brandly's home is in Manhattan.

Melva B. Bakkie, who received her master's degree from K. S. A. C. in 1927, is a nutrition specialist in the American Red Cross, St. Joseph, Mo. She plans to attend Chicago university next summer.

L. O. Russell, '26, and Vera (Chubb) Russell, '25, are now located at 402 South Wichita avenue, Wichita. Mr. Russell is in charge of the branch house sales of the J. I. Case Threshing Machine company.

Ethel Arnold, '18, associate professor of applied art at K. S. A. C., is on a leave of absence this semester to take advanced work at Stanford university. On her way to the coast she visited the art colony at Taos, N. M.

E. S. Lyons, '21, has resigned his position as assistant professor in the department of agronomy at K. S. A. C. to accept a position with the United States department of agriculture. At present he is in Washington, D. C., but expects to be transferred to Iowa State college.

Kahn With Bell Company

B. A. Kahn, '25, 1737 McGee street, Kansas City, Mo., writes that he is enjoying his work with the Southwestern Bell Telephone company.

"I am engineering installations of toll terminal equipment in the western Missouri and Kansas area of the Southwestern Bell Telephone company. I like the work fine and can see lots of development ahead in that particular field. I get THE INDUSTRIALIST regularly and like it very much."

Von Trebra to Garden City

R. L. Von Trebra, '26, who has been county agent of Wyandotte county since his graduation, will take charge of the dry land agriculture investigation work at the Garden City branch experiment station. E. H. Coles, '22, who has been in charge of the Garden City work, has resigned to become superintendent of the Colby branch experiment station.

BIRTHS

Mr. Bion S. Hutchins, '26, and Neta (Hester) Hutchins, f. s., announce the birth of a son on March 4, at Fredonia.

Mr. Leslie I. Collins, '14, and Ursula (Oldham) Collins, f. s., announce the birth of their daughter, Barbara Nelle, on February 8. Mr. and Mrs. Collins live near Manhattan.

MARRIAGES

EIKMEIER—BROCK

The marriage of Esther Eikmeier, f. s., to Clarence Brock, f. s., took place on December 30 in Russell. Mr. and Mrs. Brock are making their home in Larned.

AMICK—KAHN

The marriage of Lillian Amick, Kansas City, to B. A. Kahn, '25, took place on February 2 in Kansas City. Mr. and Mrs. Kahn are living at 1737 McGee street, Kansas City, Mo.

GOEBEL—GOERING

The marriage of Anna Lydia Goebel of Moundridge to Herbert A. Goering, '25, took place on November 8 at the home of the bride's mother. Mr. and Mrs. Goering are making their home at 200½ Main, Newton, where Mr. Goering is general agent for the Northwestern National Life Insurance company.

DEATHS

MCCORD

Henry Landon McCord, '24, died on March 11 at Fort Clayton, Canal Zone, according to word received by his parents, Mr. and Mrs. William McCord of Manhattan. Lieutenant McCord had served almost three years in the United States army and held the rank of second lieutenant. Burial is to be in Arlington cemetery.

CURRY EXPORTS CHICKENS TO SPANISH MILLIONAIRE

Six White Leghorns Bring \$225 to Aggie Graduate

William R. Curry, '14, owner of Inglenook Farm and breeder of S. C. W. Leghorns, sends the following letter which indicates that Mr. Curry is building an enviable reputation as breeder of high production white Leghorns. Mr. Curry and Mrs. Minnie Beryl (Pence) Curry, '14, live at Gentry, Ark., where Mr. Curry has served as teacher of vocational agriculture along with his farming business. He writes as follows:

"We had the honor of selling a pen of six Leghorns for export last week. The shipment went to Timoteo Marcellan, Saragossa, Spain. The sale was made through Dr. R. L. Foster of St. Louis, who is the father, by the way, of Mabel Foster, '23. Doctor Foster buys mules, cattle, and some other stock for the millionaire Spaniard.

"We received \$225 for the six birds. The five hens made official egg laying records at Fayetteville, Ark., in 1927-1928 of 258, 264, 266, 279, and 288 eggs. The cock was hatched from a setting of eggs we bought direct from Mrs. Tancred, Kent, Wash., two years ago, for which setting we paid her \$50. The two high hens and the cock went at \$50 each; the three other hens at \$25 each. Mr. Marcellan bought our birds for foundation stock for his own poultry plant.

"This sale does not put us on Easy street but it gives us a right healthy boost. We still have Lady Lindy, our nationally famous S. C. W. Leghorn hen.

LOOKING AROUND

KENNEY L. FORD

Representative Frank Carlson, Concordia, a graduate of the K. S. A. C. short course in 1914, deserves much credit for his activity in behalf of the recent appropriations made by the legislature for the state schools.

Representative Carlson probably holds the speed record for getting a bill through, according to the Kansas City Star.

"Concordia suddenly discovered it did not have enough money to build its new high school and a bill had to be rushed through the legislature to enable it to go ahead with the financing. Carlson received the bill one morning, introduced it, had emergencies declared and the rules suspended, the bill read the second and third times, and sent over to the senate. He camped in the senate until the bill had been made an emergency, read three times and passed. Then he arranged for a special messenger to take the bill to the printer for enrolling. It came back the same evening and Governor Reed came down to his office just to sign the bill. Then Carlson telephoned home the bill was a law and would be officially published the next morning."

AGGIE STOCKMEN MEET, ORGANIZE NEW GROUP

Form K. S. A. C. Section of Kansas Livestock Association—George Donaldson Elected President

Former K. S. A. C. students attending the annual meeting of the Kansas Livestock association in Wichita March 6, 7, and 8, organized a group to be known as the K. S. A. C. section of the Kansas Livestock association. Membership is open to any former Aggie who is engaged in some phase of the livestock business.

Talks were made at the organization dinner by President F. D. Farrell, Dr. C. W. McCampbell, Wayne Rogler, R. V. Christian, and George Donaldson.

A check of the group attending the dinner showed that last year its members handled approximately 20,000 head of cattle, 10,000 hogs, and 2,000 sheep. Next year it is hoped to have 100 members present.

Officers elected for 1929 were: George Donaldson, Greensburg, president; John Briggs, Protection, vice-president; C. E. Robbins, Belvidere, secretary.

Those attending the meeting were: George Donaldson, Greensburg; A. C. Meldrum, Cedar Vale; R. V. Christian, '11, Wichita; Dave Grey, '14, Topeka; W. E. Robison, '20, Wichita; Claude Lovett, '16, Neal; C. Lee Reeves, Garden City; C. Earl Kellhorn, '25, Cambridge; E. A. Stephenson, '28, Cottonwood Falls; J. J. Moxley, '22, Manhattan.

J. Harold Johnson, '27, Wichita; P. E. Sears, Eureka; Sam Krehbiel, '13, Moundridge; M. O. Wallace, Eureka; John A. Clark, Winfield; Colbert Huntington, '25, Eureka; I. A. Wilson, '08, Winfield; Fred Carp, '18, Wichita; B. H. Gilmore, '13, El Dorado; Walter Gilmore, '13, El Dorado; J. R. Nuttle, El Dorado; Wayne Rogler, '26, Matfield Green; Edward C. Robbins, Belvidere; F. F. Guthrie, Saffordville; C. A. Kilgore, Kansas City, Mo.; John W. Briggs, Protection; C. W. McCampbell, '10, Manhattan; President Farrell.

Other Former K. S. A. C. students attending the meeting of the state livestock association but not present at the dinner included: Willis Price, Tampa, Tex.; Ben Price, Reading; Francis McQuiddy, Canadian, Tex.; Chain Robison, Wichita; Malcomb Aye, '18, Manhattan; G. P. Potter, '07, Peabody; Keith Hull, Eureka; O. R. Peterson, '21, Wichita.

KANSAS CHICKENS NEED MORE MILK, SAYS KING

'Tis a Food Easily Digestible and Nutritious—Fights Disease

Kansas chickens do not get enough milk, thinks Dale F. King, graduate assistant in the college poultry department. Milk is important in the ration of the flock because it is nourishing, builds resistance to disease, and is easily digestible.

California Alumni Active

Ralph B. Smith, '13, Los Angeles, Cal., recently visited the campus. Mr. Smith is a civil engineer in the real estate development business. He reports that the K. S. A. C. alumni association in Southern California is very active. Elmer Kittell, '12, Santa Monica, is the present secretary. The Southern California alumni hold their annual meeting on the last Saturday in June at Sycamore Grove, Los Angeles. Their attendance at these meetings is usually about 150 alumni ranging from the class of '80 to '28.

OUR OWN FOLKS

R. L. (Swede) Youngman, '28, manager of the Manhattan Morning Chronicle for the past year and a half, has gone to St. Louis to become branch manager for a publishing company which puts out Tavern Talk, a hotel weekly. The magazine covers a territory of eight states.

Horace G. Pope, '94, attorney in Kansas City, Mo., enjoyed a visit on the campus recently. Mr. Pope had not visited the college for 15 years and he marveled at the growth of K. S. A. C. Mr. Pope also voiced his approval and satisfaction in the results obtained from his and other contributions which made possible the building of Memorial stadium.

Marvel L. Baker, '24, M. S. '24, cashier of the Security State bank, Curtis, Neb., writes for information regarding the coming commencement program. This is the year for the class of '24 to make their pilgrimage back to alma mater. Marvel says that he and Mrs. Florence (Wortham) Baker, f. s., will be here. What do you say, class of '24? How many can we muster?

Aurolyn (Vandivert) Rempp, '19, of Bethany, Mo., writes that she and Mr. Rempp will soon be located at Los Angeles, Cal. Mrs. Rempp desires the names of her former classmates who now live around Los Angeles. Mrs. Rempp says, "About a year ago when we were in Florida I ran across several K. S. A. C. alumni and surely enjoyed it." We are confident that California alumni will see that Mr. and Mrs. Rempp enjoy Los Angeles.

Mrs. Florence (Miller) Garinger, f. s., writes Miss Machir that Truman O. Garinger, '22, is teaching at Magnolia, Ark. Mrs. Garinger writes as follows:

"I am sure you will be interested to know that we like Arkansas. The college is a junior college. It is a state school of agriculture and mechanics. Mr. Garinger is teaching in the department of agriculture and likes his work very much. Many things are quite different than we have been used to. The students, with the exception of those whose homes are near, room in dormitories and take their meals at a large dining hall. They live under very strict rules. There are only certain times that they can leave the campus, and girls are never allowed to leave without a chaperon. The school is two miles from Magnolia. Several of the married men on the faculty are furnished cottages on the campus. We have a nice six room, modern cottage surrounded by a large lawn and nice shrubbery. We have a large bed of violets which have been blooming all winter. We had roses until Thanksgiving.

"We have found that many of the tales which are told of Arkansas and its people are much overdone. The people here are very nice. Mr. Garinger says that he has never seen students so eager to learn. Lack of funds is the greatest drawback. One hundred and fifty students were turned away last fall because of the already crowded conditions. We are hoping for a liberal appropriation this year. Then perhaps there will not be so many disappointments."

An old house remodelled may be as comfortable and satisfactory as a new house, and remodeling costs less than a new house.

RECENT HAPPENINGS ON THE HILL

Married students at the college recently organized a "Mr. and Mrs." club.

The first practice for the college freshman baseball team was held last Monday afternoon.

Prof. H. W. Cave went to Hutchinson March 14 to judge the calves in the Reno County Calf club contest.

The annual spring inspection of the college R. O. T. C. unit will be made April 25, 26, and 27 by Major Raymond C. Baird, infantry.

The Browning literary society, Delta Delta Delta sorority, and the Delta Zeta sorority, are in a three way tie for first place in the women's basketball tournament.

The Lambda Chi Alpha fraternity, with 611 points, is in the lead in the competition for the men's intramural cup for all events. Delta Tau Delta is in second place with 579 points.

A press team composed of Gladys Suiter, Macksville, John Watson, Frankfort, Meredith Dwelly, Manhattan, and Johnson Holmes, Manhattan, is in Minneapolis this week, editing and writing an issue of the Minneapolis Messenger.

Officers for the Graduate club were elected recently, as follows: Homer Bray, Salem, Ore., president; Mary Hope Morris, Manhattan, vice-president; V. C. Hubbard, Minneapolis, Minn., treasurer; Iva Larson, Alcester, S. D., secretary; Florence Harris, Manhattan, and Austin Goth, Red Cloud, Neb., social committee.

Four seniors in the course in physical education went to Wichita last week for an inspection tour of the physical education system of the public schools and the Y. M. C. A. They were accompanied by Prof. L. P. Washburn. The men making the trip are: M. B. Pearson, Manhattan; K. M. Ward, Elmdale; A. R. Edwards, Fort Scott, and Lee Hammond, Osborne.

R. H. HEPPE SENT TO 'FRISCO BY THE ASSOCIATED PRESS

Heads Western Division Which Serves Eight States

Ralph H. Heppe, '19, has been promoted to be news editor in charge of the western division of the Associated Press, with headquarters at San Francisco. He has been news editor for the southwestern division, comprising Kansas, Oklahoma, and Texas, with headquarters at Kansas City.

From K. S. A. C. Mr. Heppe went to work on the Manhattan Mercury, and from there to the Associated Press bureau at Kansas City. He was sent to Topeka to be in charge of the bureau there, then served at Oklahoma City for two years and in Kansas City four years before the establishment of division headquarters there. After nine months as assistant editor, he was put in charge of the southwestern division.

Though he was a member of the class of 1917, war service postponed Heppe's graduation until 1919. His new post calls for supervision of service in eight western states.

AGRICULTURAL ECONOMICS LOAN SCHOLARSHIP OFFERED

Bankers' Association Foundation Again Offers Fund

Dr. W. E. Grimes was informed recently by the secretary of the board of trustees of the American Bankers' Association Foundation for Education and Economics that Kan-State Agricultural college has again been awarded a loan scholarship in agricultural economics. Last year the scholarship was awarded to J. A. Stewart, of Abilene, a senior in agricultural administration.

The award has not been made for the coming year. Members of the local committee on awarding the scholarship are W. D. Womer, president First National bank, Manhattan; T. J. Anderson, professor of economics; Dr. A. A. Holtz, men's adviser; and Doctor Grimes.

CONTEST OPENS AGAIN FOR SCHOOL PAPERS

ROGERS ANNOUNCES ANNUAL COMPETITION

Classes, Same as Last Year, Allow High Schools of Similar Size to Enter Against Each Other—Closing Date April 15

High school newspapers and magazines were urged to compete again in the annual Kansas school newspaper contest in an announcement letter mailed this week to faculty supervisors by Prof. C. E. Rogers, head of the Kansas State Agricultural college department of industrial journalism, which sponsors the contest.

Classes are provided in the 1929 contest as in previous years, affording high schools the opportunity to compete with schools of similar size, according to the number of students enrolled.

AWARD CERTIFICATES AGAIN

Awards to be offered this year will be the same as those offered last year—three certificates and ribbons in each class. The contest closes April 15 and one copy of each of three different issues of the paper must be submitted before then. The classifications follow:

Class I, newspapers published in high schools of Kansas City, Kan., Wichita, and Topeka.

Class II, newspapers in high schools of more than 500 enrolment, excepting those in class I.

Class III, newspapers in high schools of 301 to 500 enrolment.

Class IV, newspapers in high schools of 101 to 300 enrolment.

Class V, newspapers in high schools of 100 enrolment or less.

Class VI, newspapers in junior high schools of any size.

Class VII, magazines published by high schools of any size.

Class VIII, newspapers in which the printing is done by students of the town or city newspapers.

Class IX, high school departments in high school.

A CLASS FOR MAGAZINES

The awards in the first six classes will be based on the following points: quantity, quality, variety, and effective writing of news; copy reading, head writing, and general makeup; feature writing; the editorial page; departmental or column enterprise.

Magazines will be judged from the point of view of interest and literary quality.

The eighth class will be judged purely on the basis of what constitutes good printing. A paper may be entered both in this class and in one of the other classes if eligible.

The ninth class will be judged on news, style, variety and organization of news, and regularity of the appearance of the high school department in the weekly newspaper.

SIX RECORDS BROKEN IN INTRAMURAL MEET

Kaggie Athletic Club Wins With 34 Points—H. B. Ryon Places First in Three Events

Five intramural records and one college record were broken at the intramural indoor track meet in Nichols gymnasium last week. The Kaggie Athletic club, an independent organization, won first place with 34 points. The Phi Kappa Tau fraternity was high among Greek letter organizations, with 11 points.

Milton Ehrlich, Marion, jumped 5 feet 11 1/2 inches for a new college record in the high jump, the old record being 5 feet 10 inches.

H. B. Ryon, Chillicothe, Tex., was high point man. He won the 35 yard low hurdles, the 35 yard high hurdles, and broke the intramural record in the 35 yard dash by running it in 4.3 seconds.

Other records broken were as follows: W. H. Cox, Elk City, 220 yard dash in 25.8 seconds; Wallace Forsberg, Lindsborg, 880 yard run in 2 minutes 10.4 seconds; K. L. Backus, Olathe, mile run in 4:47.3; H. Hinckley, Barnard, pole vault of 11 feet 2 inches. Hinckley tied with H. A. Dimmitt, Roswell, N. M., at 10 feet 10 inches, breaking the old record of 10 feet 7 1/2 inches. In the jump off, Hinckley did 11 feet 2 inches.

The meet summary:

35 yard dash—H. B. Ryon, Chillicothe, Tex., Kaggie, first; W. H. Cox, Elk City, Kaggie, second; L. L. Cole, Cedar, Kaggie, third; H. A. Elwell, Hutchinson, Phi Kappa Tau, fourth. Time 4.3 seconds.

Mile run—Won by K. L. Backus, Olathe, Farm House; O. L. Toadvine, Dighton, Phi Kappa Tau, second; C. R. Collins, Wellsville, Phi Lambda Theta, third; J. F. Foster, Topeka, Phi Kappa, fourth. Time 4:47.3.

220 yard dash—Won by W. H. Cox,

Elk City, Kaggie; L. L. Cole, Cedar, Kaggie, second; H. A. Elwell, Hutchinson, third; B. A. Dillard, Chillicothe, Tex., Sigma Alpha Epsilon, fourth. Time 25.8 seconds.

35 yard low hurdles—Won by H. B. Ryon; E. W. Smith, Russell, Sigma Phi Epsilon, second; Marion Evans, Gove, Sigma Nu, third; C. E. Morgan, Concordia, independent, fourth. Time 4.7 seconds.

440 yard dash—won by M. D. Breeding, Herkimer; H. A. Elwell, second; Scott Burton, Burlingame, Omega Tau Epsilon, third; H. T. Blanchard, Wichita, independent, fourth. Time 59.7 seconds.

35 yard high hurdles—Won by H. B. Ryon; K. R. Huyck, Morrowville, Phi Lambda Theta, second; E. W. Smith, Russell, Sigma Phi Epsilon, third; G. S. Wiggins, Lyons, Phi Sigma Kappa, tied with Delmas Price, Wakefield, Phi Delta Theta, for fourth. Time 5 seconds.

880 yard run—Won by W. Forsberg, Lindsborg, Sigma Nu; T. H. Gile, Scandia, Phi Lambda Theta, second; J. C. Carter, Bradford, independent, third; E. C. Black, Utica, Kaggie, fourth. Time 2:10.4.

High jump—Won by Milton Ehrlich, Marion, Phi Delta Theta; H. L. Bagley, Manhattan, independent, second; W. K. Bokenkroger, Sabetha, Lambda Chi Alpha, R. H. Beals, Dodge City, Beta Theta, Pi, and G. S. Wiggins, Lyons, Phi Sigma Kappa, tied for fourth. Height 5 ft. 11 1/2 in.

Pole vault—Won by H. W. Hinckley, Barnard, independent; H. A. Dimmitt, Roswell, N. M., Phi Sigma Kappa, second; J. W. Jordan, Claflin, independent, F. L. Schooley, Hutchinson, Delta Tau Delta, and G. C. Livingston, Hutchinson, Delta Tau Delta, tied for fourth. Height 11 ft. 2 in.

880 yard relay—Won by Kaggies (W. H. Cox, Elk City; L. L. Cole, Cedar; E. E. Bakri, Damascus, Syria; H. B. Ryon, Chillicothe, Tex.); Sigma Nu, second; Phi Kappa Tau, third; Sigma Phi Epsilon, fourth. Time 1:45.3.

HONORARY CADET OFFICERS REIGN AT MILITARY BALL

Mildred Purcell, Manhattan, Chosen as Honorary Colonel

Mildred Purcell of Manhattan was announced as honorary colonel of the college R. O. T. C. regiment at the annual military ball Thursday night. Pattie Kimball, Manhattan, was presented as major of the first battalion; Margaret Canham, Kansas City, second battalion, and Helen Hawley, Manhattan, third battalion.

Nominations of the honorary cadet corps officers were made by the entire regiment, and the eight highest picked. These were then voted on by members of the corps.

A grand march followed, led by the honorary officers and the highest ranking regular army officers at the college, as follows: Colonel J. M. Petty, Major C. D. Peirce, Captain A. F. Bowen, and Captain W. W. Wertz. Decorations were in military style. The party is sponsored by Scabbard and Blade, honorary military fraternity.

FARM EDITOR'S VIEWS TOLD BY L. R. COMBS

'FARMERS JUST LIKE CITY FOLKS', HIS CONCLUSIONS

Some Wanted to Help and Others Wanted to Fight, But Emporia Gazette Experience on the Whole Was Pleasant

The following article was written by R. L. Combs, '26, for the Iowa Publisher, magazine of the Iowa Press association. Combs founded the Emporia Gazette's farm page, which he ran until he became a member of the faculty of Iowa State college last fall.

He writes as follows:

About three years ago I became the first full time farm reporter on a Kansas daily. To say that I had no fear or misgivings as I entered on the new job would be more than a white lie. My job was to write agricultural news and get out a farm page. News about farmers, their wives and families, their livestock, crops, soil, chickens, houses, home beautification, business methods, social life, farm bureau and agricultural college news of local interest—these subjects and many more I touched to some degree during the more than two years of service on William Allen White's Emporia Gazette.

Farmers are a queer bunch—just like city folks. And let it here be understood that no more is there the sharp line of demarcation between the two which cartoonists so long have been wont to portray. Go to a dinner of Rotarians or of the chamber of commerce, and try to tell which are farmers and which are city business men. You'll be wrong half the time. There are educated farmers and ignorant farmers, jolly farmers and grouchy farmers, poor farmers and well to do farmers, long-winded farmers and close mouthed farmers, and farmers who are civil and others who kick you (figuratively speaking) off their place.

Witness one of my first receptions. After trudging across a field and introducing myself I saw with apprehension the farmer's glowering brow. Then came a burst of trite but forceful cusswords directed at newspapers and newspaper men in general. After discussing and condemning in lurid language everything and everybody from the Gazette and the city government to colleges, "white collar men," national government, and other

institutions, the interviewee paused for breath.

While he prepared for another attack, I carefully crunched a clod with the toe of my boot and directed his conversation back into local channels. It seems that he thought that in some way he was paying my salary, though I explained that taxes and the price of the Gazette were still the same as they had been. My host also predicted dire failure for me, that I would not last six months, that the farmers would not read the page and that they would give me no news. I should have enjoyed talking to him again after two years when the farm page was well established, well read, and when I had resigned to take another job.

The above individual, fortunately, represented the minority. The new work soon took on some semblance of organization. I usually knew where I was going, whom I was visiting, and for what reason. I number among my best friends some of the farmers of Lyon county and look forward to going back for a visit.

I could describe at length the intelligent, progressive farmer, broad-minded, who is by no means satisfied with his lot but who knows that he will not better it by sitting back and howling.

Some of them, it is true, did not wholly favor my work and had honest, though sometimes warped, convictions in regard to newspapers. These farmers at least treated a farm reporter civilly and helped me when even possible. One man whom I remember and admire always refused to give me a story until shortly before I left Emporia, and then only because it would boost a community project.

Farm reporting presents a variety of experiences, some pleasant, some otherwise. I have driven through water hub deep in reporting those floods which periodically sweep the Cottonwood and Neosho valleys. I have stood on the snow covered bank of a frozen stream and watched men cut away square chunks of gray ice while a stinging, numbing coldness crept through leather boots and wool socks and heavy overcoat. I have been stranded time after time on river bottom roads following floods and have been stalled miles from town on a side road in a blinding, driving rain or snow. I have chased farmers across a section of land only to fail to find them or have them refuse me a story. Then again I have eaten at farm bureau picnics or 4-H club tours and lolled beneath the trees while someone gave a speech I had heard six or eight times before.

Our page ran three times a week and my job was with it alone. Much of the Gazette's farm department was devoted to the usual farm experience story which tells how John Jones rebuilt his land with sweet clover, or how Tom Smith developed 200 pound hogs in less than six months or built up a herd of profitable dairy cows. Some of the stories had merely the unusual or human interest element, such as the one I wrote about a boy raising a litter of skunks (if skunks came in litters) and another one about a one-armed man who did practically all his own work on 120 acres.

Telling about farmers and farm wives who have modern conveniences or who have done something successfully is the best way of boosting a project. That fact showed up plainly in various campaigns conducted by the state college and county farm bureaus. The actual experience stories in the Gazette were credited with helping several programs go through. Once when a lime and legume special train made a stop at Emporia the Gazette brought out a special edition two days before the day of the program. This paper went out on all the routes the day before the train arrived. Emporia had the largest crowd of any town included on the trip, which covered three weeks with about four stops a day.

Among the programs which the Gazette helped promote through its farm pages were the blood testing of chickens for bacillary white diarrhea; gopher eradication; installment of sewage systems; lime, legumes, and livestock; club work, with the emphasis on the production and not the show side; and the tuberculosis cattle test, which was under way when I left the country.

SCIENCE HAS FUTURE EQUAL TO GREAT PAST

B. J. GEORGE SAYS GREAT DISCOVERIES ARE NOT ALL MADE

Industrial Engineer Tells Members of His Profession They Must Take a More Active Part in Social and Political Life

Predicting that scientific achievement in the next 50 years will be equal to if not greater than that of the past 50 years, B. J. George, industrial engineer for the Kansas City Light and Power company, issued a challenge to members of his profession to "come out of their cocoons" and take an active part in the political and social life of the nation, in an address made before the college student body Saturday morning.

The address was part of the two day program of activities in honor of St. Patrick, adopted by engineers as their patron saint.

"How fitting it is that in an era of industrial expansion after deflation, we should select an engineer of the caliber of Herbert Hoover for the presidency," Mr. George said. "Speaking of the presidency, we are living in a wonderful age. Think of it! Our nation heard a word picture of and listened to the ceremony of the inaugural of a president and vice-president.

"Who knows but that four years hence we shall hear by radio and see by television the second inaugural of President Hoover? We are living in an age which annihilates time and distance.

WARNS AGAINST ISOLATION

"We as engineers must not isolate ourselves with our noses to the design board or our eyes on the slide rule and technical papers, neglectful of our duties and responsibilities as human beings," he said.

"A pity it is that many engineers seem to be deficient in English. What does a technical training avail if the possessor lacks a knowledge of written or spoken English?

"We have been satisfied to draw ourselves apart from every day non-professional affairs, leaving to the lawyer, the doctor, and the insurance man the pleasure, duty, and responsibility of real citizenship in the true sense.

"Engineering is more than a job, it is more than a position, is more than a profession; it is an opportunity."

J. O. Perrine of New York City, a member of the staff of the American Telephone and Telegraph company, spoke on the subject, "The Engineer and Life."

ENGINEER LAWYER

Mr. George is a graduate of the University of Missouri with degrees of bachelor of science in engineering and electrical engineering. He also is a graduate of the Kansas City School of Law, and was admitted to practice in Missouri.

Exhibits at the engineering open house Friday night and Saturday afternoon were crowded, special attention being attracted by "Televox," the mechanical man. Manhattan automobile dealers aided with an automobile show featuring new models.

The program was closed with the St. Pat's prom Saturday night.

HOME ECONOMICS SENIORS GUESTS AT ANNUAL BANQUET

Four Nationally Known Speakers Address College Association

The annual banquet of the college Home Economics association was held Monday night, March 10, in the college cafeteria.

Miss Anna E. Richardson of Washington, D. C., a field worker in child development and parental education under the Laura Spellman Rockefeller grant, was a speaker. Other speakers were Miss Mary Sweeney of the Merrill-Palmer school, Detroit; Miss Flora Thurston, executive secretary of the parental education council, and Dean Justin. Miss Araminta Holman was toastmistress.

Seniors in the division, members and former members of the faculty, and home economics teachers in nearby towns attended the banquet.

In skating over thin ice our safety is our speed. —Emerson.

PROGRESS OF KANSAS PRESS

F. E. C.

Wayne Bunch has purchased the Morrill News and now is established as publisher of a newsy paper. D. H. Steel was for many years owner and publisher.

We hear that Mack Stanton, former editor of the Anthony Republican-Bulletin, has purchased two weekly papers at Clovis, N. M., and will consolidate them into a daily.

In the Coffeyville Daily Journal some brief interviews, caught by Journal Reporters in the course of the day's work among Coffeyville people, go under the heading of "Chin Music."

"The Grab Bag," an assorted variety of nothing in particular—don't be surprised at anything—is a weekly feature of the Stafford Courier. It is comment material about Stafford and Stafford people.

In printing bygone news from its files, the Burlingame Enterprise-Chronicle gives the editor's name as well as the name of the paper at the time the original item was printed. Other papers might use the idea to advantage but the Enterprise-Chronicle has special need of it because the Chronicle dates back 65 years ago when M. M. Murdock was editor, and six or seven men have been associated with the Burlingame papers as editors or co-editors.

Number 2 of the Tennals, Sabetha Herald newspaper folks, has been touring the south in an automobile. His travel notes are intensely interesting. He ran across a lot of old friends—his letters about them are

so well done you find yourself reading as if you knew everyone mentioned. Other editors also write travel notes when on an occasional trip. That type of column stuff generally is good. Incidentally almost any editor is a better one for having had his vacation, too.

There are differences as to the question of where agricultural news should be placed in a newspaper. Some editors prefer to give it a page to itself, implying the importance of the material but possibly conceding that agricultural news should not be rated as of front page worth. Other editors prefer to scatter the farm news throughout their papers, thus placing it on an equal with all other news. Both methods of locating it are correct if they fit the needs of the newspaper and the community. The editor's chief worry is to see that it is printed.

But that subject of agricultural copy starts other arguments among newspaper men. Some editors say, in effect, "No farm stuff for me, we're not in competition with farm magazines." Then agricultural material must be defined. For Kansas newspapers it should mean "local farm news," with news spelled upper case. To be sure, a weekly or small daily need not print columns and columns of heavy farm stuff, but the news—the doings of local 4-H clubs, the county farm bureau, the farmers' institutes or wheat schools—those things should be handled in a news way, each story carrying one or more semi-veiled agricultural morals or lessons. It's all in the interests of building Kansas.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, March 27, 1929

Number 24

APPROPRIATIONS FOR BIENNIIUM ANNOUNCED

LEGISLATURE ALLOWS COLLEGE TOTAL OF \$2,607,009

Decrease of \$125,000 Over 1927 Due to Elimination of Building Program—Salary and Maintenance Funds Are Increased

Appropriations for the college totaling \$2,607,009 for the biennium ending June 30, 1931, were made by the 1929 legislature. The total is \$125,000 less than the total of the appropriations made in 1927, the reduction resulting from the fact that the legislature decided not to authorize any new buildings at any of the five state schools during the next two years.

The annual appropriation for

good reason at all. The fact that I enjoyed falling on the soft stadium gridiron, instead of the hard ground we previously had only one year before I graduated, doesn't keep me from wishing you all the luck in the world in your successful completion of the stadium in its entirety."

SUMMER TERM BEGINS THIS YEAR ON MAY 31

Four Week Second Session Starts July 5—Commencement Comes July 31

Announcements concerning courses in the 1929 summer school at the Kansas State Agricultural college are contained in a recently published summer school bulletin of the college. The first session of the 1929 summer school opens May 31 and

APPROPRIATIONS MADE TO K. S. A. C. BY THE 1929 LEGISLATURE COLLEGE PROPER

| ITEM | 1929 | 1930 | 1931 |
|---|----------|-------------|-------------|
| Salaries and wages | | \$681,450 | \$681,450 |
| Maintenance | \$34,927 | 350,000 | 350,000 |
| Repairs and improvements | | 55,000 | 55,000 |
| President's contingent fund | | 500 | 500 |
| Veterinary division | | 5,000 | 5,000 |
| Soil survey | | 5,000 | 5,000 |
| Laboratory and equipment | | 20,000 | 20,000 |
| Extension work | | 101,841 | 101,841 |
| Soil experimental fields | | 6,000 | 6,000 |
| Investigating the cause of what is known as shipping fever in livestock and testing the merits of the remedies now being used in Kansas | | 5,000 | 5,000 |
| Remodeling and modernizing greenhouses..... | | 6,000 | |
| Totals | \$34,927 | \$1,235,791 | \$1,229,791 |

BRANCH EXPERIMENT STATION

| | | |
|-------------------|----------|----------|
| Colby | \$ 9,500 | \$ 9,000 |
| Fort Hays | 34,000 | 22,500 |
| Garden City | 12,000 | 12,000 |
| Tribune | 3,750 | 3,750 |

salaries was increased \$32,450, which amounts to 3.2 per cent of the salary budget. This increase is to provide for both salary promotions and any new positions that may be created.

MORE FOR MAINTENANCE

Increase in the annual appropriation for maintenance amounts to \$50,000. This will be used to finance the increased expense for fuel, to purchase new books for the library, to improve the maintenance of the campus, and to provide slightly more adequate financial support for the miscellaneous expenses of the 62 departments of the college.

The total of the appropriations made for the four branch experiment stations was increased from \$87,450 to \$106,500. This increase will take care of some much needed improvements in the support of the branch experiment stations.

After disallowing the request made by the board of regents for \$21,000 for the improvement of campus roads, walks, and lights, the legislature passed a special bill transferring the sum of \$12,000 from the surplus in the dormitory fund to a separate fund for improving "campus roads, walks, and drives." This will make it possible to complete a part of the work contemplated when an appropriation of \$21,000 was requested.

IMPROVE WALKS TO DORMITORY

The money taken from the dormitory fund will be used chiefly for improvements in the roads and walks connecting Van Zile hall, the dormitory, with the main group of college buildings.

A bill providing for an appropriation for a cavalry barn was introduced by the house committee on military affairs, but was killed by the house committee on ways and means as a part of the policy to discontinue all building operations at the five state schools for the next two years. Because of this fact the war department order establishing at the college a cavalry unit of the reserve officers' training corps has been revoked.

Yandell Appreciates Stadium

Kenneth E. Yandell, '26, former gridster now at Elizabeth, N. J., sends his final payment on his stadium pledge and his best wishes as follows: "I regret that I have been so tardy in this matter—and for no

continues to August 1. The second session which is a short period of study begins July 5 and continues to August 1. The 1929 summer school commencement will be on Wednesday, July 31.

Dr. E. L. Holton, dean of summer school, describes the purpose of summer session by saying the courses are designed to meet the needs of the following persons: teachers who wish to grow in their profession, those who are candidates for certificates granted by the state board of education, superintendents and principals who desire to make research in the problems of public education, those who are candidates for higher degrees, undergraduates who wish to continue their studies during the summer, high school graduates about to begin a college course.

SLOAN AND WATSON CHOSEN MOST POPULAR JOURNALISTS

Selections Announced at Annual Scribbler's Scramble Dance

Helen Sloan of Hutchinson and John Watson of Frankfort were chosen as the two most popular journalism students by vote of those in the department, it was announced at the annual Scribbler's Scramble, journalism dance, last Friday night.

Guests at the dance included W. Y. Morgan of Hutchinson, chairman of the state board of regents, and N. A. Crawford of Topeka, editor of the Household magazine, and former head of the journalism department.

FLORISTS WILL MEET AT COLLEGE NEXT SUMMER

State Association Chooses K. S. A. C. for Meeting July 23, 24, 25

The college will play host next July to members of the Kansas State Florists' association who recently decided to hold their summer convention in Manhattan. Prof. W. B. Balch of the horticultural department is secretary of the florists' group and will arrange the three day program, July 23, 24, and 25. Several midwest commercial companies already have arranged for exhibit space at the 1929 meeting.

Change Ag Fair Date

The date of the annual Ag Fair has been changed from May 4 to May 11, so as not to conflict with the music festival week.

CORRELL VICTORIOUS ABROAD AND AT HOME

AGGIE SOPHOMORES WIN VALLEY AND LIT SOCIETY ORATORICALS

Hamiltons Stage Demonstration Following Announcement of Winners in Local Contest—Eurodelphians Second and Athenians Third

John Correll, Manhattan, is receiving congratulations this week. In the role of orator, he has shattered the adage that "a prophet is not without honour, save in his own country and his own house."

After winning first place in the Missouri valley oratorical contests at St. Louis, Mo., Thursday, with his oration "End Point," John proved it wasn't a fluke, before a home audience, by winning the twenty-eighth annual intersociety oratorical contest.

Correll is a sophomore in industrial chemistry. He is the son of Prof. and Mrs. C. M. Correll. Professor Correll is a member of the faculty of the history department, and assistant dean of the division of general science.

After results of the intersociety contest were announced and the \$25 first prize presented by President F. D. Farrell, fellow members of the Hamilton literary society followed tradition by climbing on the stage and carrying Correll off on their shoulders.

EIGHT SCHOOLS COMPETED

In the Missouri Valley contest Correll won from representatives of Missouri university, Kansas university, Washington university, Oklahoma university, Texas university, South Dakota university, and Drake university. Missouri was second and South Dakota third.

In the intersociety contest Gertrude Brookens, Westmoreland, was second with her oration "Beyond Science." Miss Brookens represented the Eurodelphians. Francis Johnson of Manhattan, Athenian representative, was third with "Humanism in Education."

Prizes of \$15 and \$10 were given for second and third places.

Correll is a sophomore in industrial chemistry; Miss Brookens a junior in general science, and Johnson a junior in electrical engineering. Entrants were coached by Mrs. L. P. Elliott, of the department of public speaking.

COLOR IN CONTEST

Before the local contest, members of each society marched across the stage and into their special sections, decorated with colored streamers and society pins. In the intermission, Drussilla Beadle, Effingham, played a violin solo, accompanied by Hazel McGuire, Manhattan.

After the orations, M. F. Ahearn took charge of a demonstration period, in which each society was given two minutes to sing songs.

Judges of the local contest were: Prof. E. C. Buehler, Kansas university; Rev. T. F. Smith, Presbyterian church, Junction City; George Clammer, Manhattan, attorney; Dean D. L. McEachron, Washburn college, and W. E. Sheffer, superintendent of schools, Manhattan.

Other contestants were: Chester Ward, Osawatomie, Webster, "At the Bottom or the Top of the Cliff," Laurel Owsley, Manhattan, Franklin, "The New Commandment"; Frances Wagar, Florence, Ionian, "Wealth"; Margaret Creep, Longford, Browning, "Women in Politics," and Kenneth Gapen, Alpha Beta, "The New Era of the Spoken Word."

Rhoades Swimming Captain

C. M. Rhoades, Newton, sophomore in mechanical engineering, was elected captain of the 1929-30 swimming team recently. Rhoades won second in the fancy diving competition in the Big Six conference meet, and was a member of the free style relay team, which placed third.

Mary Brandley Chosen

Mary E. Brandly, '26, has been selected by the Playground and Recreation Association of America as one of 50 young men and women in American colleges and universities to attend the National Recreation school in New York City next autumn. From the candidates who qualify in scholastic, athletic, and leadership ability the association invites this limited number each year to receive professional training in community recreation.

AGGIES CONSISTENTLY HIGH IN ORATORICALS

K. S. A. C. Has Won Three First Places in Valley in Last Nine Years

The Kansas Aggie victory in the Missouri valley oratorical contest last week was the third first place taken by representatives of the college in the past nine years. The college has in addition taken three second places, two thirds, and one fourth since 1921.

Winners of other years are:

1921—Milton Eisenhower, first place. Eisenhower is now director of information for the United States department of agriculture.

1922—J. Wheeler Barger, second place. Barger is now studying for a doctor's degree at Stanford university.

1923—Edward W. Merrill, third place. Merrill is now a member of the Manhattan high school faculty.

1924—Martin Fritz, second place. Fritz is now studying for a doctor's degree at Chicago university.

1925—Kingsley W. Given, second place. Now teaching in Berea college, Kentucky.

1926—Paul Pfuetze, fourth place. Chosen Rhodes scholar for Kansas.

1927—Robert Hedberg, first place. Hedberg also won national Pi Kappa Delta contest.

1928—Harold Hughes, third place. Hughes is a senior in rural commerce at the college.

Dr. Howard T. Hill, head of the department of public speaking, has been coach of oratory during the period covered.

GO-TO-COLLEGE TEAMS ARE MAKING ROUNDS

Entertainers Visiting Several Kansas High Schools Early in April—Alumni Treat Occasionally

Go-to-college teams sponsored by the Y. M. C. A. are making their annual visits to various Kansas high schools to stimulate interest among seniors in attending K. S. A. C. One team composed of Emily Downing, Oklahoma City; Glen Rader, Severy; and Alden Krider, Newton, visited Cleburne and Randolph where they presented the play, "Who Wins the Bet?"

A second team composed of Margaret Plummer, Newton; Glen Rader, Severy; and Le Roy Quigley, Halstead, make up the team which will present the same play. The itinerary follows:

Monday, April 1, Clay Center and Clifton; Tuesday, April 2, Belleville and Washington; Wednesday, April 3, Marysville and Sabetha; Thursday, April 4, Highland and Horton; and Friday, April 5, Atchison and Leavenworth.

Charles Monteigh, Hoxie; F. H. Clark, Florence; J. G. Hilyard, Severy; and R. L. Peters, Leavenworth, are the personnel of a male quartet which will appear at the following places:

Monday, April 1, Council Grove and Herington; Tuesday, April 2, Marion and Cottonwood Falls; Wednesday, April 3, Burns and El Dorado; Thursday, April 4, Augusta and Halstead; and Friday, April 5, Hutchinson and Moundridge.

At a few of the towns local alumni will entertain the go-to-college teams and the high school seniors.

COMMENCEMENT WEEK SPEAKERS ANNOUNCED

DR. W. T. FOSTER TO TALK ON "PROGRESS AND PLENTY"

Baccalaureate Sermon Will Be Given May 26 by Dr. Charles W. Gilkey, Dean of Chapel at Chicago University

Commencement exercises for the class of 1929 will be Wednesday, May 29, with Dr. William Trufant Foster of Newton, Mass., as the principal speaker, according to President F. D. Farrell. Doctor Foster's subject will be "Progress and Plenty."

The baccalaureate sermon on Sunday, May 26, will be given by Dr. Charles W. Gilkey, dean of the university chapel at the University of Chicago. His subject will be "The Parable of the Tree."

Both speakers are graduates of Harvard university.

Doctor Foster has been director of the Pollak Foundation for Economic Research since 1920. He is the author of several books, the most recent being "The Road to Plenty" (with Waddill Catchings).

BUSINESS CYCLE CONTROL

In his research work he is especially interested in plans to control the fluctuations of the business cycle. "The Road to Plenty" is an exposition of such a plan. It contemplates that consumers' buying power is to be sustained by a "sufficient flow of money (to consumers) to bring about the distribution of a constantly increasing output" of goods.

Doctor Foster received his A. B. from Harvard in 1901, and his A. M. in 1904. He holds the degree of doctor of philosophy from Columbia university, and an LL. D. from Colorado college and Western Reserve university.

He was made the first president of Reed college, Portland, Ore., in 1910, and innovated a policy of non-commercialized intercollegiate athletics which is still followed successfully at Reed college. Coaching at the college is done by faculty members and students who volunteer their services.

Doctor Foster is a fellow of the American Association for the Advancement of Science, and of the Royal Economics society. He is vice-president of the simplified spelling board, and a member of the American Social Hygiene association.

WAS IN "Y" WORK

Doctor Gilkey received his A. B. from Harvard in 1903, and his A. M. in 1904. From 1903 to 1905 he was student secretary of the international committee of the Y. M. C. A. In 1908 he received the degree of bachelor of divinity from the Union Theological seminary. He attended the universities of Berlin and Marburg; the United Free Church college at Glasgow; New college at Edinburgh, and Oxford university. He received the degree of doctor of divinity from Williams college, Hillsdale college, and Yale university.

Doctor Gilkey has been pastor of Hyde Park church, Chicago, since 1910. He has served as university preacher at Harvard, Yale, Princeton, Cornell, Chicago, Stanford, and various other colleges.

He was appointed by the University of Chicago to be Barrows lecturer to university centers of India, 1924-25. He is the author of two Barrows lectures, the Cole lectures at Vanderbilt university, and of "Present-Day Dilemmas in Religion."

Sigma Tau Elects

Officers for 1929-30 have been elected as follows by Sigma Tau, honorary fraternity for engineers: Allen Shelly, Atchison, president; H. A. Coleman, Denison, vice-president; William Boggess, Scandia, secretary; H. J. Barre, Tampa, corresponding secretary; Gordon Nonken, Manhattan, historian.

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WEDNESDAY, MARCH 27, 1929

CAMPUS MUSINGS

Several faculty offices are gay with spring bouquets. The most satisfying springlike one was seen on Georgiana Smurthwaite's desk in the extension division, and was a vase of stock—an entirely insufficient name for the airy sprays in pastel shades of pink, rose and violet with the fragrance of wild flowers. They came from the college greenhouse where summer has already arrived. One glass wing is full of sweet peas and the scented air fairly stuns one who forgets over winter how the sweet of sweet pea sets one up.

One morning this week the janitor who was brushing around in the library gallery discovered two empty nails beside the Charman water color paintings on exhibit there. He rushed to report the thievery to Miss Derby, who frantically telephoned the robbery of two of his pictures to Professor Helm. Much excitement prevailed in the department of architecture and students were permitted to see dignified professors clashing out the door bareheaded. Clever sleuthing revealed that two of Professor Matthews' lithographs had hung on the empty nails and had been removed by an art professor who considered them non-essential to the water color show.

Miss Conie Foote recalled this week, though not without some difficulty, her very first broadcasting experience. A member of a less favored department than hers, who was standing by, volunteered that she would be willing to relieve the over-worked broadcasters if one could only listen in at the same time he talked. It is too bad that one can never hear the person he would most like to hear over the radio.

Speaking of the radio, a journalism professor who had been besieged by salesmen for weeks graciously offered to accept a set for trial on the day of the night of the Sharky-Stribling prize fight. Which reminds one that the automobile salesmen do not have our Sunday telephone number.

If the town and its environs are getting on the nerves these last slow days before vacation, there is a little consolation in the view from the upper east windows at the library. The bumpy old ridges that have seemed jarring and drab are pretty sure to be softened by filmy blue haze from this point. They may be pinked by the sky and a little musing over the view may even arouse a sentimental fondness for the first name of the campus, Bluemont. As Ethel Arnold remarked in her article on this college in Jayhawk, "You just know that the college founders who named it loved the land." —L. H. N.

EDUCATION AND PROPAGANDA

One of the serious results of propaganda is that it has caused the public to think that education and propaganda are the same thing, and thus to make an ignorant multitude believe it is being educated when it is only being manipulated. Education aims at independence of judgment. Propaganda offers ready made opin-

ions for the unthinking herd. Education and propaganda are directly opposed both in aim and method.

The educator aims at a slow process of development; the propagandist, at quick results. The educator tries to tell people how to think; the propagandist, what to think. The educator wants thinking; the propagandist, action. The educator strives to develop individual responsibility; the propagandist, mass effects. The educator fails unless he achieves an open mind; the propagandist, unless he achieves a closed mind.

—Everett Dean Martin in Forum.

CHARMAN EXHIBITS

The people who have enthusiastically admired the Charman water colors in the library gallery and have said, "I like this, but is it really 'good'?" will be interested to have their question answered by Prof. John F. Helm, jr., who, as a former student of both Mr. and Mrs. Montague Charman, has a peculiar and critical interest in the Manhattan exhibit.

What interests the artist in an exhibition of paintings which the average gallery visitor thinks of in terms of "easy to live with," "never grow tired of," "gorgeously full of bright color and sunshine," and "ideal for the home?"

From the artist's point of view this is a pure water color show which is distinguished by Mr. Charman's technique—traditional English slightly modified by modern American influence—by his unusually fine color, by Mrs. Charman's careful consideration of detail in the smaller scale and more intense color in which she works, and by the freedom and boldness combined with excellent drawing and brush work which both artists exhibit.

Picturesque fishing boats, white, blue, yellow and red, drawn up on the sands by the water, on a very bright sunny day, are subjects which have a general appeal.

English street scenes, or the American country-side, with white buildings, or softly colored ones, full of summer sunlight are favorite compositions of the painters, the interested observer and the artist. The paintings made in Rye, England, are particularly delightful.

The scintillating summer sunshine, which plays with color with such exhilarating effects on the mood, is a study in reflected light and shadows to the critical artist, or a problem in simple foreground and beautifully indicated background.

Of Mr. Charman's water colors, "Mermaid Street, Rye," is an especially fine piece of painting, according to Professor Helm. "The simplicity of the handling of the row of buildings is remarkable. The figure of a woman with a red parasol gives interest, and this picture has the characteristic long foreground that Mr. Charman uses to such good advantage in many cases." This painting hangs on the right wall in the central, south section of the gallery. It is one "instinctively" sensed to be well done by the casual observer and may be remembered as picturing orangy pink, European buildings over a narrow interesting looking street. There are large blue shadows in the foreground.

"Barges at Isleworth" is the artist's choice of the boat pictures. This hangs almost directly across from "Mermaid Street" in the central section. It is described as "an unusual viewpoint on the subject and an excellent bit of drawing. The painter's handling of his shadows with reflected light is outstanding, and the color scheme and deftly indicated buildings in the background enhance the beauty of the painting."

Several of Mr. Charman's New York state scenes are suggestive of the hill expanses around Manhattan.

"In the 'Sawmill' and 'The Ice House,' the artist has successfully handled a hard problem in sunlight and shadow, though the foreground of the first may be a bit confused."

The "Sawmill" is on the north wall of the west wing. The open doorway of the somewhat dilapidated old wooden structure and the planks scattered or leaned against a tree trunk offer interesting possibilities for planes of light.

Mrs. Charman's work, done on a

smaller scale, is informal, intimate and charming, and quite ideal for the small apartment.

Of Mrs. Charman's work, Professor Helm believes that "Boats at Low Tide" and "Rye Harbor" best show her artistic prowess and painting ability, her excellent drawing and fine use of color. Her color is sometimes a bit more intense, though on smaller surfaces than Mr. Charman's. The "Boats at Low Tide" are small, empty, partly tipped crafts, a familiar sight to those who

An Army of Modern Young Farmers

L. E. Call

In an Address Before the American Association for the Advancement of Science

More than 586,000 farm boys and girls were enrolled for instruction in 41,000 local 4-H clubs in 1926. These club members cultivated and owned 80,306 acres of field, truck, and orchard crops; had 87,207 head of high quality livestock, and 1,329,200 standard bred fowls. More than 13,000 teams of club members were trained to give public demonstrations as a means of influencing more people to adopt improved agricultural practices. Formal agricultural instruction was also given to more than 85,000 boys in the vocational agriculture classes in the high school. Thus in a single year these agencies trained an army of more than 600,000 young people in modern, advanced methods of farming. It is the influence of educational work of this character started with the establishment of the land grant colleges in 1862, expanded as the vision of industrial education developed until it reached the magnitude described above, that has made possible the application of the results of scientific investigation and led to the present efficient state of agricultural production. In no other section of the world has agricultural education been made as easily available to the producing classes and in no other country has agricultural production reached so high a state of efficiency.

have loved to stroll by the water in fishing harbors. There is brick-orange and blue in the "Rye Harbor" scene.

"Telephone Exchange" is the surprising name for what to many is the ideal American cottage, a white farmhouse in which bright sunlight is partly softened by hollyhocks and green trees. To the artist, this study and "Morning Sunlight, Imber," are distinctive for the fine color sense they reveal as well as the interesting tree shadows in intense light.

The 34 paintings in the collection may be purchased at special prices made by the owners for this showing.

SPRING KITTENS

It never occurred to me that the spring might not bring kittens. There always had been kittens. Sooner or later, spring after spring, I would be feeling around the hayloft and run my hand into a whole nestful of them. The first touch of the squirming, soft, alive little things would shake my entire frame with emotion. The first faint mew surged through my soul like music.

As soon as it was warm enough to go barefoot, that is, as soon as I could convince my mother that it was, I would go through all the delights of anticipation, gurgling to myself that this might be the Day. Then I would go the round of possible nests, under the granary, in the mangers, the strawstack, and the hayloft. I remember one spring I was particularly anxious. Our old mother cat had been accidentally shot in the winter and I saw myself the sole protector of the orphaned kittens the springtime would bring. I made bargains with the neighbors for the use of their old cat as soon as I could find a nestful. Well, one day that spring I did find kittens, under the porch, and God had sent a strange old cat to take care of them!

Spring days do not last forever. Kittens get big and follow the old cat off to learn the tricks in mouse catching. So through the summer months I imagined that they were wild tigers, and that the gooseberry bushes were a jungle. —Velve Carson in the Household Magazine.

It takes a wise man to discover a wise man. —Diogenes.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Alma G. Halbower, '14, was stationed at hospital 5, Fort Ontario, Oswego, N. Y.

Ravena Brown accepted a position in the domestic science department of the Clay Center high school, to relieve Laura Ramsay, '17, who was going into Y. W. C. A. work.

The following K. S. A. C. graduates were employed in the test de-

RAINY WEATHER

Fanny Stearns Davis in "Myself and I."

Up comes "Bouncing Bet" again, Pink and luster in the lane. Tansy's odor keener is. Than all incense-mysteries. Oh, the trees! How they restrain In the driven windy rain!

All the marsh-grass bows its head, All the tide-ways blur and spread, And the bay Is as gray As the roof of the miller's shed.

Up the hill I run, together With the wet and windy weather. Hair in eyes and dripping cheek, (Oh, how cool and soft and sleek Is the hand-touch of the rain!) "Bet" and I bounce up the lane.

SUNFLOWERS

H. W. D.

ATTENTION, CONGRESS

What America needs most is a proving ground.

Every automobile manufacturing company, no matter how insignificant it may be, has one.

Thereon things are tried out—horns, tires, timing gears, body designs, fenders, brakes, whatnot.

America is bigger than all the automobile concerns on earth.

Yet America can try out nothing without exposing every one of its 120 million citizens to possible loss of life, limb, or the pursuit of happiness.

Every day schemes for the improvement of living in these United States are proposed by the score. John Jones and his friends want to try out a new scheme of taxation, Bill Smith and others have a new plan of marriage, Edgar Oglesby wants everybody to go on a milk diet and stay there, Olga Petrowski and her gang propose a little nihilism, Jane Stall demands long skirts, sen sen, and the dear old innocence of the dead nineties.

But there is no place to try anything out.

Consequently we favor the federal government's taking over three or four of the least valuable states, deporting the inhabitants into other states that might amount to something if they are encouraged a bit, and establishing experimental communities in the abandoned regions.

For the most part the experiments would consist of three classes: political, social, and religious. Besides these three, considerable isolated space, broken up in small bits, should be allotted for individual and small group research in domesticity.

The idea is a bit vague as yet, but there is one thing—a little by-law or something—that we have already decided upon. No colony withdrawing to try something out will be allowed to make a final report on a major project in less than 100 years, and all reports of progress will be barred.

Largely, of course, our proving grounds will be occupied by two classes of citizens—radicals and reactionaries of the ultra types. These are the two species of human beings who are forever worrying their own and everybody else's heads off anyhow. As our country is at present organized there is no place for them except the front page, the jail, and the cemetery. Our scheme makes a place for those who have no comfortable home.

Just think what a wonderful satisfaction it would be to be able to turn over to our great-great-grandchildren a report indicating that single-tax is a snare and a delusion, companionate marriage a riot of misery, sun-worship about the same thing as fire-worship, anarchy not so bad as it has always been said to be, a return to nature not so comfortable, and goose-quill pens not so rapid as typewriters propelled by man-trapping stenosis.

And it would be more than satisfactory to know that the report is not a guess or an idea or a notion, but a scientific statement of reliable findings.

And think of all we'd be spared in the meanwhile.

partment of the General Electric company at Schenectady, N. Y.: L. G. Alford, '18; B. M. Andrews, '16; W. Ernstig, '17; M. H. Russell, '18; G. L. Usselman, '16; Leroy N. Miller, '18, and R. H. Oliver, '17.

TWENTY YEARS AGO

A son was born to Newton Simmons and Edith (Lantz) Simmons, '96, in Victor, Col.

Professor Walters went to Topeka to inspect the methods of laying street pavement in the residence streets of that city.

C. J. Stratton was reelected business manager and G. T. Ratliff was elected subscription manager at a meeting of the Students' Herald stockholders.

THIRTY YEARS AGO

W. B. Chase, '97, was a partner in his father's mercantile business.

Fred Zimmerman, '98, was the foreman of Doctor Still's famous dairy herd at Kirksville, Mo.

P. J. Parrott returned from New Mexico where he had been for two months studying a number of injurious insects.

FORTY YEARS AGO

The seventh annual exhibition of the Webster society was held in chapel.

President Fairchild went to Topeka to give an address before the Topeka high school on "Education for Head and Hands."

Mrs. E. L. Bowen, '87, was nominated by the citizens of the third ward in Manhattan for their representative on the city school board.

P. H. Fairchild, '86, was at home for his vacation from medical studies at Columbus, Ohio. He spent the summer in preparation for finishing his course at Belvue hospital college, New York.

FIFTY YEARS AGO

Ida L. Noyes and D. S. Leach received a grade of 99 in their studies for the month of March.

Many improvements were noted in Manhattan—new dwellings, new business houses, new fences and new sidewalks.

The Topeka Commonwealth contained the announcement of the marriage of Jasper M. Howard, f. s., and Vernelia Yarrington of Wakarusa.

AMONG THE ALUMNI

Frank Collins, '20, is city food inspector at Sioux City, Iowa.

L. C. Geisendorf, '15, can be reached at Box 829, Brownwood, Tex.

T. T. Parker, '11, is an engineer with the Northwestern Public Service company of Huron, S. D.

V. M. Emmert, '01, has moved from Atwood to Fulton, Mo., Route 7, where he is operating a farm.

Clell A. Newell, '21, is teaching agriculture in the United States Indian school at Albuquerque, N. M.

Avis Wickham, '27, is dietitian in the North Country Community hospital at Glen Cove, Long Island, N. Y.

John Merredith, f. s., is traveling representative of the Monroe Adding Machine company with headquarters in Wichita.

E. W. Wichmann, f. s., is an engineer with the Southern California Telephone company, Los Angeles. He lives at 276 North Belmont avenue.

Ethel Oatman, '29, accepted a position in the Doddsville, Miss., schools after completing work for her degree at the close of the first semester.

V. M. Norrish, '26, was recently transferred to the automatic engineering department of the General Electric company, West Lynn, Mass.

Paul Wise, f. s., is with the Iowa State highway commission and his present job is slab inspector on concrete road construction near Mason City, Iowa.

Louis B. Bender, '04, major in the signal corps of the United States army, will leave the Philippine Islands on April 5 to report for duty at Ft. Monmouth, Oceanport, N. J.

Clayton B. Griffiths, '18, and Margaret (Worland) Griffiths, '18, live at 4226 East Sacramento street, Chico, Cal., where Doctor Griffiths is a government veterinarian. Doctor and Mrs. Griffiths have two fine youngsters who are singing their way into the hearts of the people of Chico.

Dr. E. F. Pile, '16, who was serving as representative in the legislature from Seward county, was taken to the Veteran's Bureau hospital in Kansas City about 10 days before the session closed, for an appendicitis operation. He is reported as recovering nicely and expects to be out by April 1.

Elmer R. Ausemus, '23, asks that his INDUSTRIALIST be changed from Washington, D. C., to 409 Ninth avenue, S. W., Mandan, N. D. Mr. Ausemus is working for the United States department of agriculture at the northern great plains field station but was called to Washington during the past winter.

MARRIAGES

PANTON—ROMINE

The marriage of Eva Pantan, f. s., to Floyd Romine, f. s., took place on March 16, at the home of the bride at Oakhill. On their return from a trip through southern Texas they will be at home on a farm near Osage City.

McNALLY—TEMPLE

The marriage of Esther McNally, Baker university, to Roy L. Temple, f. s., took place recently at the home of the bride's parents in Olathe. They are making their home in Olathe where Mr. Temple is associated with his father in the Temple Electric shop.

WATKINS—QUINLAN

The marriage of Alice Watkins, f. s., to Mr. L. E. Quinlan, both of Lyons, took place on March 17 in Topeka. Mr. Quinlan was formerly judge of the twentieth judicial district of Kansas and is now practicing law in Lyons, where they will make their home.

WANN—HARWOOD

Announcement has been made of the marriage of Louise Wann, '26, Hays, to Dr. Nathan D. Harwood, '18, Manhattan, which took place on January 14, 1929, at the home of the bride. After a northern wedding

trip Doctor and Mrs. Harwood are at home at 1531 Leavenworth, Manhattan. Doctor Harwood is owner and manager of the Kansas Serum company.

BIRTHS

Mr. Perry Betz, '23, and Mrs. Betz announce the birth of their daughter, Mary Louise, on March 18. Mr. Betz teaches in the Lebanon high school.

AGGIE DIAMOND SQUAD REDUCED TO 30 MEN

Good Sophomores May Replace Regulars Who Are Weak at the Bat
—First Game April 6

A somewhat reduced Kansas Aggie baseball squad is working out each night under Coach C. W. Corsaut, to get ready for the opening game of the season at St. Marys April 6. The squad has dwindled from nearly 60 to about 30 men, largely as a result of candidates who saw they had no chance, eliminating themselves.

After struggling through a basketball season handicapped by lack of material, Corsaut has a baseball team with an over supply of promising candidates. Some of his veterans are not hitting as well as he had expected, and one or two sophomores with good eyesight may step into the shoes of members of last year's team who are back.

In an ordinary year prospects for a repetition of last year's valley title would be good, but judging from reports coming from other Big Six schools, 1929 has produced a bumper crop of unusual baseball players.

Returning varsity pitchers are A. H. Freeman, T. E. Doyle, and Glenn Gilbert, Olathe. Prospects from sophomore ranks are Henry Barre, Tampa; W. E. Platt, Manhattan. Brandenburg, Durland, and Lawrence. Alspach, a member of last year's squad, also is showing up well.

From last year's heavy hitting team Nash at third, Ward at right field, Towler on second base, and McCollum in left field should be enough to give any pitcher a nightmare. Irwin and Gardner, sophomores, are battling for a first base job. Both are fair hitters, as is "Mick" Evans, shortstop, and Knogle, sophomore second base candidate. Meissinger and Conger, sophomore catchers, are both showing up well with the bat.

Alex Nigro, sophomore, is hitting well and probably will be a regular in the outfield. Later in the season he may take his turn at pitching.

The scheduled meeting with Osaka Mainichi, Japanese university, has been cancelled due to the inability of the Japanese team to fill the date.

NEW SUMMER COURSES OFFERED IN JOURNALISM

Two Give Both Graduate and Undergraduate Credit

Eight courses offering a total of 16 credit hours are on the summer school program in the department of industrial journalism. Two of the eight courses are for both graduate and undergraduate credit, giving opportunity to do work toward a master's degree.

A new course, offered only in the summer session, is supervised teaching and observation in industrial journalism, which will be under the direction of Mrs. L. H. Neiswanger. The course is primarily for teachers of high school news writing, who must also supervise publication of the high school newspaper, year book, or the school page in the local newspaper. The course carries two college credits, which apply on a teacher's certificate.

Copy reading, for both graduate and undergraduate credit, will be offered for the first time in summer school by Prof. F. E. Charles, who also will offer magazine features, for both graduate and undergraduate credit.

A course in printing practice is offered by Prof. E. M. Amos. The first course in feature writing, consisting of industrial feature writing, two hours, and journalism practice III, two hours, will be offered, as will the first course in news writing, consisting of elementary journalism, two hours, and journalism practice I, two hours.

KUHRT OUTLINES PLAN TO REFLECT PREMIUM

WHEAT FARMER GETS BONUS FOR PROTEIN

Growers in Northern Spring Wheat Area Have Tried Out Scheme With Satisfactory Results, Economist Tells Cooperative School

A new plan whereby protein premiums may be reflected to growers by local elevators was explained to those who attended the school of cooperative marketing at the college recently by W. J. Kuhrt, senior agricultural economist of the United States department of agriculture.

The new method of reflecting premiums was tried out in certain sections of the spring wheat area and the general plan has been adopted by a large number of local elevators in the high protein sections of that area. The plan was explained as follows by Mr. Kuhrt:

HOW THE PLAN WORKS

It contemplates taking small samples from enough loads delivered by each farmer to obtain a representative composite sample of his wheat. These small samples are kept in an air tight container until the farmer has finished hauling. Then this composite sample is thoroughly mixed and from it two pint samples are prepared, one to be sent to a protein testing laboratory and the other retained as a check sample at the local elevator. The sample sent in for testing represents the "agreed sample" between the farmer and the local elevator.

In settling with the grower, the card price, based on non-premium wheat is paid at the time of delivery if the grower wishes to sell. Then as soon as the results of the protein test have been received, a further check is issued to the grower representing a conservative market premium value of wheat of the protein content shown on the certificate. In case the farmer wishes to store his grain, as is very often the case in the spring wheat area, he receives his check for protein premium as soon as possible after delivery of the grain and he is later paid only the base price prevailing at the time he decides to sell his wheat.

REDUCES DIRECT SHIPPING

In general, this plan has proved to be uniformly satisfactory. Wherever adopted it has reduced the amount of direct shipping materially and brought about much greater satisfaction on the part of farmer patrons. Furthermore, general adoption of such a plan by elevators in a given locality has practically eliminated the practice, which had developed, whereby farmers hauled their wheat to distant towns in order to deliver it at a station which was paying a high average premium. In a broad way the plan is helping to solve the protein problem and its adoption is becoming more general throughout the area.

However, there are a number of factors and precautions which affect the working of the plan. In the first place managers have found it helpful to a knowledge of proper binning of their grain, to make a survey of the protein content of the wheat in their area as soon as it is matured. This information, together with the appearance of the grain when delivered, assists the manager in preventing the mixing of high protein wheat with low protein wheat, thus causing a loss in premium values.

In the second place great care should be taken to see that a fair, representative sample of each farmer's wheat is obtained. Such samples should immediately be placed in air tight containers to avoid drying out of the moisture to a lower content than that contained in the main bulk of the grain upon reaching the terminal markets. Protein tests are made and percentages reported upon the basis of the moisture content of the samples as received.

MOISTURE AFFECTS TEST

A dried out sample of identical wheat will show a higher protein percentage than a sample in which the original moisture has been retained. Consequently, unless samples taken by the local elevator are kept and mailed in moisture proof containers, the tests received on these samples will show a higher test than will be shown on the carload

shipped to terminals. Accordingly, farmers would be paid protein premiums based upon higher protein wheat than the elevator is able to sell at the terminals, and constant losses would be taken by the local elevator.

Again it has been found that it is hardly safe for a local elevator to attempt to reflect every possible penny of premium value indicated by the protein test on a farmer's wheat. Losses are often taken both by errors in mixing high and low protein wheat and by market changes in premium values between the time the grain is purchased from farmers and delivered to terminals. However, it is possible to reflect 75 to 80 per cent of the full premium value. This has proved generally satisfactory to farmer patrons, especially in the case of farmers' cooperative elevators where such portions of premium values as are retained and not needed are returned to the grower in some form of dividend.

LOOKING AROUND

KENNEY L. FORD

Plans for alumni activities during commencement week, May 26 to May 30, will be made at a meeting of the board of directors of the alumni association on Saturday, April 6. The meeting has been called by Ralph Snyder, '90, president of the association.

From all available indications this year's commencement should be one long to be remembered. Harry Rushmore, '79, Kansas City, Mo., has been working valiantly with his classmates planning for the grand celebration of the golden jubilee of the class of '79.

Gordon W. Hamilton, '19, Chicago, writes that he feels certain that a considerable number of members of the class of 1919 are looking forward to a ten year reunion to be held during the 1929 commencement week. Mr. Hamilton asks the assistance and cooperation of the alumni office in bringing about the class of '19 reunion.

Class members are requested to notify the alumni office whether they will be able to attend or not. Hamilton also suggests that a committee be appointed to work with the alumni office.

Marvel L. Baker, '24, Curtis, Neb., writes in to find out what his class plans to do.

Preparations for the alumni-senior banquet are under way. Two warming ovens and other much needed equipment will be purchased to facilitate the serving of warm food in Nichols gymnasium.

The calendar for commencement week follows:

May 26, Sunday—Baccalaureate services, beginning at 8 o'clock at night.

May 28, Tuesday—Alumni day. Business meeting at 2 o'clock. Alumni-Senior banquet at 6 o'clock.

May 29, Wednesday—Commencement day. Commencement at 10 o'clock.

Commencement to many grads means homecoming or a trip back to Kansas. It means reunions and happy fellowship to all.

After such a homecoming experience last June, D. W. Working, '88, Denver, was prompted to write the following as he looked out of his pullman window while enroute from Manhattan to Denver:

I for one had a good time at commencement in 1928. It was fine to meet so many of the members of the class of '88; fine to look into clear eyes, which show that those we believed in 40 years ago have kept the faith and retained the early enthusiasms; fine to realize that there is so little cynicism after all of the buffetings of 40 years; fine to know that those who carry on the old traditions and do the more important work of today were glad to meet and welcome us and to make our visit a delight."

Brubaker to Wakefield

Dr. H. W. Brubaker, of the chemistry department, is to speak at Wakefield rural high school Friday afternoon on the subject, "Water for Use in the Home."

OUR OWN FOLKS

The Eastern Alumni association made up of more than 200 K. S. A. C. alumni living in and near New York City met March 15, 1929. More than 60 alumni and friends of K. S. A. C. gathered at the Hotel Wolcott in New York City for the annual meeting.

Dr. J. E. Kammeyer, who is on leave of absence from K. S. A. C. and is now at New York university, gave a very interesting talk on recent developments at K. S. A. C. Following Doctor Kammeyer's talk a short business meeting was held. The following officers were elected: President, D. C. Tate, '16; vice-president, Alice (Sweet) Hagan, '17; secretary-treasurer, H. W. Garbe, '27.

The remainder of the evening was spent at progressive bridge under the leadership of W. A. Lathrop, '15. Refreshments of ice cream, coffee and cake were served.

Those present included: Bert A. Crowder, '27; H. A. Bredehoff, '27; Lynn Copeland, '22; Mary (Maroney) Copeland, '23; Homer Cross, '19; Velma (Carson) Cross, '19; Walter E. Deal, '16; Mary (Nicolay) Deal, f. s.; J. B. Dorman, '96; Mrs. J. B. Dorman; C. L. Erickson, '27; Olive (Manning) Erickson, '27; Shelby G. Fell, '15; Ruth S. Goodrum, '20; A. W. Gudge, '23; Mildred Halstead, '22; H. W. Garbe, '27; Mrs. H. W. Garbe; J. S. Hagan, '17; Alice (Sweet) Hagan, '17; Gladys Hartley, '23; Foster A. Hinshaw, '26; Stella (Baker) Hinshaw, f. s.; Ina M. Holroyd, '96; W. A. Lathrop, '15; Mrs. W. A. Lathrop; H. C. Lint, '11; Clara (Morris) Lint, '11; Ethel McDonald; Olive Haegge, '29; Helen Paynter, '29; C. W. Platner.

C. H. McCandless, '21; Lois (Wood) McCandless, '21; Harry McGee, '28; Karl B. Muser, '12; Madge (Rowley) Musser, '13; L. A. O'Brien, '14; Gertrude (Wunder) O'Brien, '15; N. V. Platner, '23; F. E. Masek, '27; Ann Roenigh, f. s.; Lester A. Ramsey, '06; Ruth (Neiman) Ramsey, '06; Alice Rehberg, '25; Don A. Shields, '25; D. C. Tate, '16; Edith (Findley) Tate, '18; J. O. Johnson, '27; R. E. Kimport, '27; Elizabeth Burnham, '17; Margaret Beviars; Dr. J. E. Kammeyer; Mrs. J. E. Kammeyer; Avis Wickham, '27; George Weiderman, '27; M. Louisa Ziller, '17; Vivetta Maroney, f. s.; C. L. Antle, '23; and Mrs. C. L. Antle.

McKIBBEN CHOSEN CAPTAIN OF AGGIE WRESTLING TEAM

New Leader Works Way, Makes 'A' Grades in Studies

R. H. McKibben, Kansas City, was elected captain of the Kansas Aggie wrestling team at a recent squad meeting. McKibben was kept from competition during part of last season by an attack of pneumonia, but in spite of that handicap took third in the 175 pound class in the conference meet. He has one more year of competition.

The new captain is working his way through school, and made 17½ hours of A's last semester, despite his work, illness, and athletic competition. He is a junior in mechanical engineering.

Everett J. Price, '19, is manager of the Pawnee Ice Cream company, Pawnee, Okla.

J. Scott Stewart, '22, is engaged in farming and livestock production on a farm southwest of Coldwater.

J. Farr Brown, '21, 111 West Washington street, Chicago, is city salesman for the E. A. Thornton Lumber company.

O. T. Bonnett, '18, M. S. '27, is assistant in plant breeding in the agricultural experiment station of Illinois. He is taking some work toward his doctor's degree.

F. P. Eshbaugh, '26, is promotion salesman for the Tobacco By-Products and Chemical corporation, Louisville, Ky. His territory extends from Iowa to southern Colorado.

H. L. Lobenstein, '26, assistant county agricultural agent of Atchison county, supervised the planting of 600 acres of apple orchards in his county last spring. He expects to plant 1,000 acres this spring.

FORT HAYS ROUNDUP PROGRAM ANNOUNCED

SEVENTEENTH ANNUAL MEETING
SCHEDULED APRIL 27

Superintendent L. C. Aicher Arranges
for Discussion of Cattle Feeding
and Power Machinery—Talks
Planned for Women, Too

Western Kansas farmers and cattlemen of Kansas and nearby states will meet April 27 at the Fort Hays branch agricultural experiment station for the seventeenth annual spring roundup, a news letter from Superintendent L. C. Aicher announces.

In keeping with the custom of long standing, cattle feeding experiments conducted at the Fort Hays station will be reviewed for the visitors. Several general talks on western Kansas agriculture will be included in the program.

KNOW HOW TO CURE MEAT?

The farm housewife will not be neglected in the one day event. Miss Amy Kelly, state home demonstration leader of the K. S. A. C. extension division, is arranging entertainment for women visitors. Though the program is incomplete, Prof. D. L. Mackintosh of the college animal husbandry department will discuss "Home Curing of Meat," according to Superintendent Aicher.

Concerning other details of roundup plans his letter says:

"George C. Wheeler, editor of Western Farm Life, Denver, Col., will start the forenoon program at 11 o'clock. Mr. Wheeler has had a wide experience in the field of agriculture, spending many years in Kansas as a livestock specialist and later as editor of one of the western farm papers. His years of service in the agricultural field find him thoroughly conversant with the situation as it faces the farmer and stockman today.

FARM POWER QUESTIONS

"Roy Bainer, assistant professor in agricultural engineering, K. S. A. C., will begin the afternoon program at 1:30 with a discussion of results of tests with various silage cutters and burr and hammer mill feed grinders. The department of agricultural engineering of the Kansas State Agricultural college is cooperating with the Fort Hays station in testing these various machines wherein the power requirements, capacity per hour, and general ability to perform are being determined. Feeds used in these various tests are composed of kafir fodder, kafir hay, ear corn, and other grains. Some rather startling information has been obtained in these tests of feed cutting and grinding machinery.

"Dr. C. W. McCampbell, head of the department of animal husbandry, K. S. A. C., will discuss results obtained in the series of feeding experiments with yearling steers and calves. This year's trials include comparative feeding value of whole feeds, silage, cut feeds, and feeds run through the hammer mill. One hundred yearling steers are being handled in this experiment.

"The value of ground limestone when fed to calves is being determined in another experiment where 30 calves in three lots receive various mineral rations."

IMPROVED YELLOW CORN DISTRIBUTED THIS YEAR

Hays Golden Dent Proves Ability to
Yield Under Adverse Conditions
in Western Kansas

Hays Golden Dent corn is being distributed this year to Kansas farmers to fill a long felt want for an early, hardy yellow corn for central and western Kansas. It had been grown in a limited neighborhood in central Kansas as a local unnamed variety and had developed into a vigorous thrifty strain.

On a trip through Ness county in the fall of 1923, A. F. Swanson of the United States department of agriculture, who is stationed at the Hays station, saw a field of this corn and was impressed with its apparent hardiness and ability to produce sound corn under adverse conditions. He obtained a supply of seed and took it back to the Hays station. For the last five years he has been growing and increasing it by careful selection. It has been widely tested

over Kansas during the last three years.

These comparative tests show little or no difference between Freed White and Hays Golden Dent in yielding capacity, though the latter's chief value is in its being a yellow corn. Where a hardy yellow variety is desired in central or western Kansas it is being recommended by the agronomy department of the Kansas State Agricultural college. At its last meeting the Kansas Crop Improvement association voted to place it on the list eligible for certification.

SPRING GRID PERIOD EXTENDED A MONTH

Conference Lifts Bars On Practice
Length—Votes for Two Fresh-
man Games Each Year

Official varsity football practice will be continued for another month, pursuant to action of the Big Six conference faculty representatives in lifting all regulations regarding the length of spring practice, according to A. N. (Bo) McMillin, head football coach.

In addition to removing the old 15-day spring practice limit, the faculty representatives, in session at Oklahoma, voted to schedule two intercollegiate freshman football games each year, one at home and one away from home. Schedules will be arranged by action of the conference.

McMillin expressed himself as being pleased at the lengthening of spring practice, although he emphasized the fact that coaches "will have to be careful, or they will make spring practice more of a detriment than a benefit."

"Spring training is a good thing for the varsity men who are not out for any other sport, and for the promising new men and varsity men who need to develop more speed and get training in the fundamentals," McMillin said.

"If it is extended too long the men are likely to get tired of football, and it is apt to hurt their grades, as well."

Chemistry Instructors Resign

Resignation of Arthur E. Guest, and M. M. Ryan, instructors in chemistry, was announced this week from the president's office. Mr. Guest has gone to Bound Brook, N. J., with the Calco Chemical company. Mr. Ryan will stay at the college the remainder of the school year.

A spring intersociety mixer is being planned by the college literary societies, for April 12.

PROGRESS OF KANSAS PRESS

F. E. C.

If you need feature stories the Marshall County News has one which offers a good tip. Old coins in the possession of Marshall county persons made a story more than a column long. With 32 paragraphs in the story, each with one or more family names in it, the article qualifies if "names is news."

The life story of Hon. W. Y. Morgan of the Hutchinson News and Herald comprised one of the recently published "Romances of American Journalism" articles in Editor and Publisher. Other Kansas editors can see a story similar to their own in the narration of how Mr. Morgan, as a lad of 21, purchased his first newspaper for \$325. Then began the long, slow process of "building up" and "growing up" in the newspaper profession. Incidentally, Mr. Morgan's success in newspapering is almost second to none.

Among other news features that make the Hiawatha Daily World the readable paper it is, there recently appeared a column, "What Is Home Without a Garden," in which a lot of localized ideas were used. These paragraphs show the style of the column:

Mrs. Mary Heimlich was the first to mow her lawn.

Mrs. James Stewart, Mrs. A. J. Hathaway have crocus in bloom.

H. L. Lobenstein, state horticultural agent: It is not too late to prune grapes. Pruning may be continued for three weeks. If the sap runs a little no harm is done.

Win Senior Journalism Honors



SHIRLEY MOLLETT

GLADYS SUITER

For the second consecutive year two girls have won the scholarship keys offered to journalism seniors at the college by Sigma Delta Chi, national honorary professional journalistic fraternity for men. Winners this year were Shirley Mollett of Chanute and Gladys Suiter, Macksaville. Awards are made to those members of the senior class in the high 10 per cent in scholarship, and are made by Sigma Delta Chi in all schools which have chapters. Miss Mollett has been active in press team and other departmental work. Miss Suiter is a former editor of the Kansas State Collegian, is a varsity debater, and represented the college at the Midwest Student conference this year.

Theiss at Boston Tech

H. H. Theiss, '27, writes as follows from Brookline, Mass. "I expect to get my master's degree from the Massachusetts Institute of Technology this spring. I have a good position in Cambridge and am completing my thesis outside of school."

MILLER BREAKS MEET RECORD BUT FAILS TO WIN HIS RACE

Aggie Runner Second in 1,500 Meters
at Illinois

Though he broke the former meet record for the 1,500 meters at the Illinois Indoor relays Saturday, March 6, H. S. Miller, Kansas City, placed only second in the race. Miller ran the distance in 4 minutes 8 seconds, but Martin of Purdue did it in 4 minutes 5 1-10 seconds. The former meet record was 4 minutes 8 2-5 seconds.

Last year the winner of the race made the time of 4:13 5-10, or more than 5 seconds slower than Miller's time this year. George Lyon, Manhattan, O. H. Walker, Junction City, and T. F. Winburn, De Kalb, Mo., other Aggie entrants in the meet, did not place.

VARSITY TRACK MEN WHIP FROSH IN DUAL

Yearlings Push Regulars Hard to Win
All School Meet by Score of
873-4 to 661-4

Kansas Aggie varsity track men defeated the freshmen 873-4 to 661-4 in a dual meet on stadium field track last Saturday. The meet was almost a tie up to the half mile event, in which the varsity made a sweep. The freshmen were without the services of W. H. Cox, Elk City, yearling dash man.

H. S. Miller, Kansas City, and George (Babe) Lyon, Manhattan, tied for high point honors with 10 points. Miller won the half mile and mile. Lyon won the shot and set a new school record of 134 feet 10 1-2 inches in the discus. M. F. Ahearn was referee and Frank Myers was the starter.

The summary:

60 yard high hurdles—Won by H. B. Ryon, Chillicothe, Tex., F.; Ralph Vohs, Parsons, F., second; K. R. Huyck, Morrowville, F., third; M. D. Breeding, Herkimer, F., fourth. Time 8.4 seconds.

100 yard dash—Won by A. D. Meyers, Haven, V.; C. E. Nutter, Falls City, Neb., V., second; E. L. Ross, Ashland, V., third; H. B. Ryon, F., fourth. Time 10.4 seconds.

440 yard dash—Won by Temple Winburn, De Kalb, Mo., V.; C. M. Kopf, Beverly, V., second; C. E. Nutter, V., third; H. A. Coleman, Denison, V., fourth. Time 51.8 seconds.

110 yard low hurdles—Won by M. D. Morgan, Manhattan, F.; K. R. Huyck, F., second; D. L. Yeakley, Hoisington, V., third; E. W. Smith, Russell, V., fourth.

Pole vault—H. A. Coleman, V.; H. W. Hinckley, Barnard, F.; J. W. Jordan, Chaffin, F., and F. L. Schooley, Hutchinson, F., all tied for first. Height 10'10."

Shot put—Won by George Lyon, V.; J. E. Smith, Woodward, Ok., V., second; H. O. Cronkite, Belle Plaine, F., third; G. C. Livingston, V., Hutchinson, fourth. Distance 44 feet 10 inches.

High jump—Won by M. Ehrlich, Marion, F.; O. H. Walker, Junction City, V., second; H. L. Bagley, Manhattan, F., third; S. W. Shady, Pratt, F., fourth. Height 5 feet 11 inches.

Javelin throw—Won by G. C. Livingston, V.; J. E. Smith, V., second; H. O. Cronkite, F., third; Williams, F., fourth. Distance 166 feet 9 inches.

Broad jump—Won by H. L. Bagley, F.; A. B. Walsh, Osage City, F., second; H. W. Hinckley, F., third; C. N. Hinkle, Lucerne, V., fourth.

Half mile run—Won by H. S. Miller, V.; T. F. Winburn, V., second; L. A. Will, V., third; E. G. Skeen, Eskridge, V., fourth. Time 2:03.

220 yard dash—Won by H. W. Hinckley, F.; H. A. Coleman, V., second; Ansel Meyers, V., third; C. M. Kopf, V., fourth. Time 23.6 seconds.

Discus throw—Won by George Lyon, V.; H. O. Cronkite, F., second; C. N. Hinkle, V., third; J. E. Smith, V., fourth. Distance 135 feet, 4 inches.

Stafford to Annapolis

J. L. Stafford, Leonardville, freshman in the division of general science, has received notice of his appointment to the United States Naval academy, Annapolis.

Dring Is 'St. Pat'

A. E. Dring, Pawnee Rock, was chosen as St. Pat, and G. A. Krider, Newton, as "most handsome man" at the St. Pat's prom given by the engineering division last week.

MILLERS ARE COMING TO COLLEGE APRIL 20

DOCTOR SWANSON ARRANGES ONE
DAY PROGRAM

Operative Groups 1 and 2 Will Inspect
Experimental Work at K. S. A.
C.—Discussions to Center
Around Wheat

Operative millers of organized districts, No. 1 and 2, have been invited to the college April 20 by Dr. C. O. Swanson, head of the college milling department. Although only an intensive one day program has been arranged, visiting millers are urged to come to the college on Friday, April 19, to inspect the research facilities of the college mill.

The mill includes \$9,000 worth of donations and \$12,000 of state appropriations made for the establishment of an experimental mill, according to Doctor Swanson. The meeting April 20 will celebrate its practical completion and in the opinion of the K. S. A. C. milling head, there is nothing equal to the mill in the world.

PLAN AUTO TOUR OF TOWN

Following the afternoon meeting an auto trip will be made over the college grounds, to the college farms, and to the Manhattan country club. The program in detail:

8:00-10:00 a. m.—Visit to college mill.

10 a. m.—Room 354, Waters hall: Henry Vilm, chairman district organization No. 2, call to order; F. D. Farrell, president Kansas State Agricultural college, greetings; Sydney Anderson, president Millers' National federation, address; Willis Kelly, superintendent William Kelly Milling company, Hutchinson, paper—"The Need of Research for the Operative Millers;" R. O. Pence, chairman research committee and instructor in milling, Kansas State Agricultural college, and R. E. McCormick, senior in flour mill engineering, paper—"Corrugations and Differential;" C. O. Swanson, head milling department, Kansas State Agricultural college, paper—"Program of Research for Operative Millers."

12:15 p. m.—Dinner, college cafeteria.

STUDY WHEAT RESEARCH

1:30 p. m.—Meeting in dining room of college cafeteria; Willis Kelly, chairman district organization No. 1, call to order; S. C. Salmon, professor of farm crops, Kansas State Agricultural college, paper—"The Use of the Experimental Method;" Carl B. Warkentin, president the Midland Flour Milling company and chairman of the board of directors, Millers' National Federation, address—"Milling Problems from the Manager's standpoint;" Rowland J. Clark, director of research, Schultz Baking company, address—"What We Know and Need to Know About Flour;" L. E. Call, dean division of agriculture and director of agricultural experiment station, Kansas State Agricultural college, address—"The Wheat Research Program for the Southwest."

COLLEGE Y. M. C. A. TO PICK NEW OFFICERS THIS WEEK

Election Board Nominates Two Sets of
Candidates

Election of officers and members of the Y. M. C. A. board was to be held this week, according to Kenneth Boyd, Irving, chairman of the election board.

Nominees are: President—Gordon Nonken, Manhattan, and Paul Mears, Simpson.

Vice-presidents—Jay Thomson, Emporia; James Bonfield, Elmo; Frank Edlin, Herington; Karl Pfuete, Manhattan; Lowell Foley, Oronoque, and Don Baldwin, St. Joseph, Mo.

Corresponding secretary—Phillip Lantz, Newton; Harold Stump, Blue Rapids.

Board members (student)—Ray Russell, Kansas City; Clem Richardson, Hugoton; James Pratt, Manhattan; James Yeager, Bazaar; Milton Allison, Great Bend; M. J. Kindig, Olathe; Elmer Smith, Russell; Chester Ehrlich, Marion; John Correll, Manhattan; Charles Brainard, Manhattan.

Board members (advisory)—Hugh Durham, C. H. Scholer, Walter E. Moore.

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Number 25

'AMENDMENTS MENACE U. S. CONSTITUTION'

JOHN CORRELL'S WINNING ORATION POINTS TO DANGER

'Many Moralists Eager to Enact as National Legislation Much Not Properly in Federal Field,' He Says

"History's noblest experiment in constitutional government" is in danger of being irrevocably ruined by a minority consisting largely of well meaning, emotional, noisy moralists eager to hasten into enactment as national legislation much that is not properly in the field of federal control.

So said John Correll, Kansas Aggie sophomore, in the oration which won first place in the recent contest of the Missouri valley oratorical association, and in the intersociety contest at K. S. A. C.

Correll used as his subject "End Point," referring to the "balance point" achieved in a basic solution when carefully titrated with acid. He drew an analogy between the boy who ruined his experiment by pouring too fast, and the reformer who adds amendments too rapidly.

The moralists form public sentiment by presenting an aggressive appeal, making their issues moral in character, and evoking shame on those who oppose them; they intoxicate the public for a time, and hasten to enactment, Correll commented.

'AN INSTRUMENT FOR PROCEDURE'

"As a result of this tendency we have numerous amendments to the constitution of the United States which do not belong there," he said. "This document was given to the American people 140 years ago as an instrument for procedure in national government.

"... Gladstone was right when he said, 'The constitution of the United States is the greatest political document ever struck off at a given time by the brain and purpose of man.'

"Overconfidence often leads to destruction. We relax in the assurance of the security of the constitution. We are readily influenced by the aggressive reformer, in favor of the popular moral issue of the day.

"Before we are aware, we have attached to the constitution another amendment which invites disrespect for the entire document."

At this point in his address Correll referred to his noticing of frequent articles concerning violation of provisions regarding the income tax, the right of colored citizens to vote, and the Volstead act.

"My mind filled with apprehension as I realized that public opinion stood indifferent while the fifteenth, sixteenth, and eighteenth amendments to the constitution of the United States were openly and generally flouted, and I asked myself the question that I now ask you: What will be the future effect upon the constitution?"

STANDS FOR TEMPERANCE

"... Now I believe in the principles involved in the eighteenth amendment. Reared in the atmosphere of temperance, I always have believed in that principle and always shall. I believe in the principles involved in other moralistic amendments; for example, I know no reason why the colored citizen should not be allowed to vote. But we should not find these strictly moral issues written into the supreme law of the land. The basic principles upon which our government is established are laid down in the constitution. These principles define our national procedure. Any issues which are of a moral character and which are likely to arouse personal and sectional feeling should not be rashly added to the foundation of the government. For when we allow these things to enter the text of the constitution we are driving down a wedge for future disregard of the instrument as a whole.

And who knows but that ultimately this tendency may lead to anarchy? OPPOSES FURTHER ADDITIONS

"... Shall we stand by and watch the demoralization of our supreme law through disrespect for part of it? Shall we allow the heedless minority to add and add to our basic law until they have undermined the principle of the whole institution and it falls down—as have governments before it?"

"When will the Sunday law become a part of our federal constitution? You smile and say that is absurd? Yet there is, today, here in the United States, a definite organization which would achieve such an amendment.

"Who is to say when an amendment shall make it illegal for a man to sit in his home and enjoy the pleasure of a smoke? Again you smile. And again I call your attention to another organization, pledged to the sole purpose of placing such an amendment into our constitution. We must go slowly, lest we go too far. There are enthusiastic moralists in our country who would amend the Ten Commandments themselves for some uplifting purpose."

PROGRAM FOR WOMEN AT ROUNDUP COMPLETE

Superintendent Aicher Announces Speakers for Ft. Hays Farmers' Meeting, April 27

The completed program for farm women who attend the annual roundup at the Fort Hays agricultural experiment station, April 27, has been announced by Superintendent L. C. Aicher, who says it will stress interest and information. Miss Amy Kelly, state home demonstration agent, will be in charge of the women's session.

A joint meeting of general interest to men and women has been scheduled in the morning. George C. Wheeler, editor of Western Farm Life, and Prof. David L. Mackintosh of the college will speak. Mr. Wheeler will discuss current farm problems and Professor Mackintosh will explain methods of curing meat on the farm.

The afternoon session for women will be devoted to problems of the home. Speakers will be Miss Kelly, Dean L. E. Call, Mrs. Harriet B. Alford, director of the Household Searchlight, Topeka, and Miss Iva Carter, educational field service, the Postum company.

A tour of the greenhouse and state forest nursery, conducted by E. A. Johnson, forest nurseryman, will complete the afternoon program for women visitors.

SCHOLER MADE HEAD OF CIVIL ENGINEERING GROUP

Is Elected President of Kansas Section of A. S. C. E.

Prof. C. H. Scholer, head of the department of applied mechanics, was notified last week of his election to the presidency of the Kansas section of the American Society of Civil Engineers. This section of the society was organized about seven years ago by men actively engaged either in teaching or that branch of engineering work. Prof. L. E. Conrad, head of the civil engineering department, was president during its early organization.

TREES THESE DAYS MUST PAY IN POSTS OR PICTURES

Plantings Now Guided by Economics or Aesthetics, Says Dickens

Remembering the results of past plantings, the tree planting of the future must be justified by grim visaged economics or that brighter faced goddess, aesthetics, says Albert Dickens, state forester, in "Trees in Kansas," late bulletin of the state board of agriculture. One of these must guarantee results. Present day tree planting must pay in posts or pictures, in saw logs or scenery.

INTEREST GROWS IN KANSAS FARM FLOCK

300 SHEEP DAY VISITORS TESTIFY TO FACT

Price of Prime Lamb Has Been Going Up as Supply Goes Down, Reed and McCampbell Show With Figures

Three hundred Kansas farmers and others interested in sheep production gave evidence of their interest by attending the second annual sheep day meeting at the college last Saturday. They attended the demonstration at the college barns in the forenoon and heard sheep problems discussed again in the afternoon.

Interest in the farm flock has been on a steady increase for several years, according to H. E. Reed, sheep specialist of the college animal husbandry department, and much of this interest now centers in economical production methods. Reasons for this situation were presented by Dr. C. W. McCampbell, head of the department, in his address to the sheep men.

MUST HIT MARKET RIGHT

"Satisfactory returns from the farm flock depends primarily upon the production and marketing of a prime lamb before July 1 and in satisfactory farm flock production lambs represent around three-fourths and the wool one-fourth the gross income," he declared. "This emphasizes the importance of the lamb as the chief source of income and the necessity of observing every precaution to insure the production of the very best lamb possible in the shortest time possible, and getting it to market before July 1.

"In order that we may have some idea of the possibilities ahead for a profitable return from a farm flock, a study of sheep production and factors determining sheep values for a number of years past is necessary. This must be studied from a world as well as a national standpoint. Such a study reveals two very important facts. First, the world's supply has been gradually decreasing for a long time. Second, appreciation of sheep meat, particularly lamb, has been gradually increasing for several years. This is especially true in the United States. So here we have the happy situation in so far as the producer is concerned, of a decreasing supply and an increasing demand. In view of the opposite situation for many other farm products it is quite necessary that some evidence be submitted to justify the optimistic attitude expressed regarding the farm flock situation and a few figures will be submitted to justify this attitude.

WORLD SUPPLY DECREASES

"The pre-war world's supply of sheep was estimated at approximately 651 million head, whereas the average for the period 1921-25 was approximately 587 million head, a decrease of about 10 per cent. The best information available indicated that there has been a continued decrease in the world's supply since 1925.

"What about the situation in the United States? As far back as 1884 there were 60,627,000 sheep in this country. The human population at that time was around 55,000,000. In other words, there were 930 sheep for every 1,000 persons with comparatively little market demand for the meat. In 1903 there were 63,965,000 sheep in the United States and a human population of approximately 80,000,000, which means 800 sheep for each 1,000 population. In 1928 there were 44,545,000 sheep and 119,320,000 human population in the United States. This means only 424 sheep for every 1,000 persons and a keen demand for sheep meat in the form of lamb. These figures show the interesting fact that the number of sheep in the United States has decreased 14 per cent since 1884 and that the number of sheep per 1,000 human population

has decreased 55 per cent during the same period."

Market demand for good lamb was discussed by A. M. Paterson, formerly of the animal husbandry staff but now of Kansas City. Mr. Paterson demonstrated the good points of a carcass as well as the undesirable points and explained how the desirable carcass could be produced.

MELCHERS TO RETURN TO K. S. A. C. IN JULY

Will Bring Large Collection of Egyptian Flora, Mycological Specimens, and Rare Insects

Prof. L. E. Melchers, head of the K. S. A. C. department of botany, sailed from Egypt March 30 after a year and a half in the employ of the Egyptian ministry of agriculture. Professor Melchers, who has been on leave of absence from the college,



L. E. MELCHERS

will spend three months touring European countries before returning to the United States.

As chief mycologist for the Egyptian ministry of agriculture, the Kansas botanist was the first American scientist engaged in the governmental service of the land along the Nile. He has traveled many thousands of miles, visiting practically every part of Egypt which is cultivated.

"I am bringing back a large collection of Egyptian flora, mycological specimens, and some rare insects," Professor Melchers wrote recently. The collections will be added to those of the botanical and entomological departments as contributions from Egypt.

After visiting universities and experiment stations in Italy, Hungary, Austria, Switzerland, Germany, Holland, Denmark, Sweden, England, Scotland, and France, Professor Melchers will return to Kansas about July 1.

'WHO'S WHOOT' FOR 1929 TO BE READY FOR ROUNDUP

Yearbook of 4-H Clubs Compiled by Collegiate Group

The 1929 "Who's Whoot," yearbook for the 4-H clubs of Kansas, is in the process of compilation, M. H. Coe, state boys and girls club leader, announces. The editorial staff is composed of "Who's Whoot" 4-H club members in Kansas who now are students at the Kansas State Agricultural college and who are members of the Collegiate 4-H club.

The yearbook will feature many club activities and will be ready for distribution during the state 4-H club roundup at the college, June 3-7.

Golfers Meet St. Mary's

The Kansas Aggie golf team will play its second match of the season against St. Mary's college Thursday afternoon, on the Manhattan course. Last week the Aggies defeated the same team 5 to 1 on the St. Mary's course. Ben Remick, Eugene Holmberg, Dale Lott, and Gerald Smith, are team members.

SOME SOYBEANS BEST FOR EASTERN KANSAS

A. K., MORSE, PEKING, MANCHU GOOD VARIETIES

Cooperative Tests Over Seven Year Period Gives Data Showing Best Strains for Grain, Forage and Green Manure

Farmers who want the best results with soybeans in Eastern Kansas will stick to A. K., Morse, Peking (Sable), and Manchu. Seven years of cooperative variety testing by the Kansas agricultural experiment station indicate that these varieties are most valuable and give the greatest yields of grain and forage.

Data on the several years of experimentation were recently announced by H. H. Laude and C. O. Grandfield, supervisors. In the 1928 cooperative tests A. K. made the highest yield of grain with an average per acre of 13.3 bushels. It also has averaged highest during the seven year period with a yield of 11.6 bushels. In the grain yield Austin, Morse, Peking, and Manchu ranked next in that order for 1928 and all had high averages over the longer period.

FOR BEST HAY YIELDS

Peking, Morse, and A. K. have made the highest yields of hay over a period of several years and out-yielded other varieties, excepting Laredo, in the tests for 1928. Manchu, Wilson, Austin, and Virginia made relatively low yields of hay this year as well as in former years.

"Laredo yielded 3.06 tons of hay and has averaged 2½ tons for three years," the 1928 report continues. "It matures late and cannot be depended upon to ripen seed except in the southeastern part of the state and then only if planted reasonably early. The yields of grain have been satisfactory in tests in which the seed matured. The plants of Laredo are leafy with small, pliable stems. The variety has a decided tendency to lodge, in fact lodging may be so serious as to interfere somewhat with mowing for hay. It is perhaps best adapted for green manure in eastern Kansas where a large tonnage is desired within one season. Since the seeds are small, two-thirds to three-fourths the usual quantity should give a good stand. The black seeds and the semi-vining habit of growth are undesirable factors for pasture.

A. K. FOR GENERAL USE

"A. K. is the best variety for general planting since it makes a high yield and a good quality of both grain and hay and is suitable for pasture. The plants stand erect and are fairly bushy. The seeds are straw yellow and the pods are well distributed along the stems.

"Peking, or Sable as it is often called, is especially suitable for hay. The plants are erect and bushy with small stems and a large proportion of leaf. The seeds are black and somewhat smaller than those of A. K.

"Manchu is an early maturing variety and is good for grain and pasture. Morse and Austin are general purpose varieties which mature a little later than A. K."

R. H. Davis Resigns

Raymond H. Davis, '27, who has been an assistant in soil survey, has resigned to take a position with the bureau of chemistry and soils of the United States department of agriculture. He will be at Guthrie, Okla., for a short time. Ralph Lewis, a member of the 1929 class in agronomy, has been recommended to take the place of Davis.

The 'Ag's' Spring Schedule

April 11, 12—high school judging contest.
April 20—operative millers conference.
April 25, 26, 27—baby chick and egg show.
April 27—students' grain judging contest.
April 29—students' dairy judging contest.
May 4—students' livestock judging contest.
May 11—Ag fair.
May 25—feeders' day.
June 8—agronomy field day.

THE KANSAS INDUSTRIALIST

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WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, APRIL 10, 1929

MALADJUSTMENT IN COLLEGE

As long as parents dream that their children will accomplish whatever they secretly wished to do themselves, but hadn't the "chance" or the nerve or the brains to do, we will have maladjusted students in our colleges which train for specific professions and vocations.

Until youth loses part of its egotistical faith that it can accomplish anything it sets out to do, that desires and abilities always go hand in hand, we will have tragic flunks in mid-semester examinations and complete flops by the end of the year.

"Why did you decide to be an engineer?" the professor is asking the freshman who by this time has had his chance and shown that in spite of interest and midnight oil he obviously isn't intended for an engineer.

"Oh, I've always wanted to be an engineer, as long as I can remember" is likely the answer. Further questioning may reveal that an admired uncle was one, or "Dad" always wanted to be and wasn't, so talked it up. But had he been a whiz at math in high school? He probably has to admit that he was quite the opposite. Yet he had always "tinkered" with bicycles and clocks and machinery. Someone has rather cruelly but aptly said of Boston Tech that that school has "ruined many a good plumber." Perhaps it's a good lawyer, doctor, captain of industry that this would-be engineer could successfully become. But if he flunks out of college before he realizes that he is simply in the wrong field and not "just naturally dumb," he may become incurably discouraged and amount to nothing.

There may be a girl in architecture because her father was a carpenter, but she finds she can't draw. She didn't know an architect is an artist. And there is the boy or girl who was on the high school debate team or president of Christian Endeavor and the proud parents felt sure he or she was "just cut out" for a public speaker or a politician.

Fond wishes, based on hope and blind faith, cause college tragedies which bud and blossom as spring brings exam time around again.

SEWARD EXHIBIT

C. A. Seward, Wichita, recognized as one of the most important Kansas artists, is exhibiting 41 lithographs in the library gallery this week and next, in accordance with the department of architecture's plan to bring to the campus work of the state's best artists.

This is the first Seward exhibition to be seen in Manhattan, although Mr. Seward has a rapidly growing national reputation and has shown in galleries from New York to Los Angeles.

Mr. Seward is a member of the Wichita art association, one of the most vigorous groups of artists in the state, and of the California print makers, an international organization.

Called a business man who has carried on two related lines of work, Mr. Seward has studied drawing for himself while holding positions with

commercial advertising organizations. What little artistic training he has received has been with Kansas men.

His subjects are Kansas and New Mexican landscapes. Trees often contribute to his decorative designs.

This exhibit, composed entirely of lithographs, is in keeping with the growing popularity of lithographs as a medium of artistic expression. The first annual lithograph show was held this winter in Philadelphia. Mr. Seward had two of his studies accepted by the jury of this exhibition. One of them, which is now being shown here, "Sunshine and Showers," was characterized by the Philadelphia Public Ledger as "one of the most American prints in the exhibition."

BOOKS

Brilliant Biography

"Elizabeth and Essex" by Lytton Strachey. Harcourt, Brace and company. New York. 1928. \$3.75.

A few years ago when Lytton Strachey's "Queen Victoria" appeared, a type of biography that was essentially new to the English language came into being. The new type certainly is no better than the one represented by the immortal Boswell—unless merit be measured by popularity—but it certainly is different. It is less detailed and perhaps less meticulously exact. But it is more dramatic, more like a high class novel. The fact that its lineage probably is French in no wise detracts from its value.

And now Strachey has written a biography that excels "Queen Victoria." It has all the fine qualities of its predecessor and it has incomparably better subject matter. "Elizabeth and Essex" is a picture of two exceedingly interesting and important people in one of the most interesting periods in history. Everything about the book—the point of view, the organization of material, the diction, the style—is so excellent that it is difficult to speak of it without inordinate enthusiasm. It is brilliant biography.

Even physically the book is extraordinary. The six portrait illustrations are admirable. The beauty of the typography is beyond praise.

The Elizabethan period was one of transition from feudalism to what has become democracy. Before the reign of Elizabeth was ended the spirit of feudalism for the last time, as Strachey says, "flamed up, embodied in a single individual—Robert Devereux, Earl of Essex. The flame was glorious—radiant with the colors of antique knighthood and the flashing gallantries of the past; but no substance fed it; flaring wildly, it tossed to and fro in the wind; it was suddenly put out. In the history of Essex, so perplexed in its issues, so desperate in its perturbations, so dreadful in its conclusion, the spectral agony of an abolished world is discernible through the tragic lineaments of a personal disaster."

At one time Essex commanded a fleet of Elizabeth's ships on an expedition to Cadiz, which ended victoriously. At another time he headed Elizabeth's army in a campaign in Ireland, which ended ignominiously. His fortunes at the Elizabethan court ranged from the occupancy of the exalted lord marshalship to having his ears boxed by the queen. He was a court favorite—with reservations. Besides the inscrutable queen his career involved several of our old school-day heroes, including Sir Walter Raleigh and Francis Bacon, who appear as not quite the same as they were in our school histories. Following a preposterous attempt to incite a popular uprising against his erstwhile royal patron he lost his head, by Elizabeth's order, at the age of thirty-six, and the executioner held it up and piously shouted, "God save the Queen."

It is doubtful whether any combination of period and characters could be more suitable for biographical treatment than the subjects of this book. It is equally doubtful whether any present day writer excels Strachey in ability to administer effective treatment. F. D. Farrell.

A BOX SEAT AT THE HUMAN COMEDY

If the journalist will be fair to his occupation and accept it for the craft it is and compare it to the pur-

suits to which it is comparable, he will find that it offers about the same financial returns, commensurate with effort, as do other industries. He will also find that, despite its handicaps and hazards, it offers a far greater measure of personal freedom, stimulation, self development and enjoyment than any other employment open to him can afford. There are no time clocks to punch in a newspaper office; no adding machines to operate; no form letters to write, no salesmanship talks to be made on

for Cuba, where the former was to be stationed with the marines.

Bert H. Harding, f. s., was attending a military school at Catallion Sur Some in France.

Andrew A. Sebring, senior student in 1886, was prospering as a farmer near New Era, Mich.

TWENTY YEARS AGO

Dr. L. B. Jolley, '01, sold his practice at Gurnee, Ill., and bought a larger one at North Chicago, eight miles from Gurnee. "Consequently I

The Scientist Modifies Our Habits

Augustus Trowbridge in Science

For some time past it has been the scientist or the engineer who by his discoveries or their application has more profoundly modified our habits than any other class of worker. . . . Any day discoveries and adaptations of these may be made which will more profoundly modify our habits than the passage of laws by legislators. Any day a discovery in organic chemistry may be made which will lead to the substitution of a synthetic product for a natural one and bring to the starvation point whole populations on the other side of the earth, or a biochemist may synthesize another rare organic compound that will check the ravages of some dread disease.

Scientific inquiry into cause and effect and engineering craftsmanship are making the conditions under which we live, and this is happening and must happen without there being any social plans, except as these may be formed after the event by the financier and the legislator. The Bishop of Ripon at the Leeds meeting of the British association in 1927 voiced a fairly general feeling of apprehension when he pleaded for a 10 years' holiday in scientific inquiry and invention in order to let the economic, political, and ethical branches of knowledge catch up on a runaway science. The proposal of a holiday is impractical, but the methods which have done much to stimulate and encourage research work in the pure sciences might be applied more liberally in the political, economic, historical, and ethical field than they are at present. Pure science has been fortunate in the past in disposing of funds for fellowships for a well selected group of outstanding research students who have passed the stage of candidacy for any academic degree and have already shown promise in their published work.

A liberal expenditure of funds for fellowships in the humanities and the support of a well considered plan for bringing some sort of system and order into the chaotic state brought about by haphazard legislation might do much to remove the possible menace to our civilization which the Bishop of Ripon, speaking for a large class, fears from our overstimulated science and invention.

the merits of vacuum cleaners or vitrified brick. To be sure, there is drudgery and routine of its kind, but even that offers the spice of variety. No two automobile shows are exactly alike; no two charity drives are identical. It is true that the journalist's work is transient, his subject matter trivial, but nevertheless he touches, even though lightly, history as it comes warm from the crucible. Journalism would be worth all the tears, all the grumbling, all the risks it entails if it did nothing more than afford the journalist a box seat at the human comedy. —Malvina Lindsay in the American Mercury.

PROGRESSIVE EDUCATION

One of the greatest movements in the history of education is taking place before our eyes, comparable in significance and results to the great movement for universal popular education which has dominated the past century and affected so deeply and so advantageously the civilization of America. This new movement I refer to is the gradual transformation of quantity education into quality education—the tendency to consider the child as an individual and to seek educationally its fullest and richest all-round development, as a physical, intellectual, social, esthetic, and spiritual being.—Stanwood Cobb in Christian Science Monitor.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Martin W. Souders, '14, was physical director at Milton academy near Boston.

Captain Emmet Skinner, '16, and Mrs. Skinner sailed from Charleston

have taken a portion of my practice with me," he wrote THE INDUSTRIALIST.

Ada (Quinby) Perry, '86, was spending the year in Champaign, Ill., with two of her daughters who were attending the university there.

THIRTY YEARS AGO

E. M. S. Curtis, '93, was employed in the office of the Missouri-Pacific railway at St. Louis.

J. E. Nissley delivered a stereopticon lecture in college chapel on the "Growth and Development of the Dairy Industry in Kansas."

Hubert C. Avery, captain-elect of the Kansas university football team, and Nellie V. Criss of Lawrence were married. Mr. Avery was a student here in 1896-97.

FORTY YEARS AGO

Mrs. Shelton entertained the ladies of the domestic science club at her home.

E. E. Helms, traveling secretary of the college Y. M. C. A., arrived at the college, where he planned to spend the weekend with the college organization.

Dr. H. J. Detmers, formerly connected with the college, was professor of veterinary surgery in the Ohio State university and veterinarian of the Ohio experiment station. He was veterinary editor for Farm and Fireside.

FIFTY YEARS AGO

A meeting of the board of regents was to be held in Manhattan.

A meeting of the Central Kansas Breeders' association was held in the agricultural lecture room.

SPRING GRASS

Carl Sandburg in "Good Morning America"

Spring grass, there is a dance to be danced for you.
Come up, spring grass, if only for young feet.
Come up, spring grass, young feet ask you.
Smell of the young spring grass
You're a mascot riding on the wind horses.
You came to my nose and spiffed me.
This is your lucky year.
Young spring grass just after the winter.
Shoots of the big green whisper of the year.
Come up, if only for young feet.
Come up, young feet ask you.

SUNFLOWERS

H. W. D.

A BRAVE PREDICTION

Now is the time for all good people who like their fun hot off the griddle to get hep to the struggle to fatten up the fair ones a little.

The slim princess fad has been running for a longer time than fads are supposed to run. Reducing has been the vogue for a good many years now, believe one who can't even remember when plumpness was a social asset.

Of late you and the rest of us have been noticing a tendency for the ad writers in the pay of fattening foods to refer to skinny frails as somewhat undesirable. They have bribed commercial artists to draw contrasting pictures in which the slenderer girls are made to look like total losses at the side of their more fully upholstered sisters.

If you have read the papers more closely, you also spotted here and there and now and then feature articles hinting that there is likely soon to be a return to flesh. This is significant. It means that reducing is due for a struggle.

Our theory is, of course, that woman is primarily motivated by a powerful urge to please man—and vice versa. And woman is beginning to realize that we boys are getting sick and tired of "How much have you lost?" and "How in the world did you do it?"

This talk of downward diets and calorie-free foods and electric vibrators and everything else connected with bringing the skeleton to the surface has begun to pall on our ears. And the girls are getting wise to the fact.

They cannot, of course, break right down and admit they have made an error. Eva always has known better than that. Her way of switching from one extreme to the other is a subtle way.

We, for one, do not pretend to guess just how flesh is going to come back again; but we do suspect that it is on the way and that its return is going to be better—from the standpoint of sheer tomfoolery—than the blindfold test or the attempt to present Al Smith as the Moses of the American farmers.

If we were a forward-looking American business man with an undying zeal for service, we should begin to look about to find something for sale that would fatten the American flapper. We should first of all set aside a fund of ten million dollars to bribe judges of beauty contests to give first place to the sweetie with a fair amount of fatty tissue. Gradually we should raise the ante until no girl weighing less than 21 pounds per linear foot would have a look-in at Atlantic City or Dallas or any place.

The news-reel man would be Johnnie-on-the-spot—don't think he wouldn't—and inside of a month the cash-and-carry would be working overtime shoveling out potatoes and pie and butter and bacon.

Flappers will be fat by 1935.

We'll bet our chance to succeed Herbert Hoover in 1936 on it.

This man (Chesterfield), I thought, had been a lord among wits; but I find he is only a wit among lords. —Samuel Johnson.

AMONG THE ALUMNI

John Hyer, '27, is now located at 1528 Locust street, St. Louis, Mo.

Marguerite Bignall, M. S. '28, is teaching in the Arkansas City junior high school.

B. I. Melia, '27, visited the college recently. He is doing general farming near Ford.

Paul C. Rawson, '17, is employed by the Benton Company utilities corporation of Gravette, Ark.

Velma Lockridge, '26, is employed in the Dayton's advertising department at Minneapolis, Minn.

John Kiene, '16, and Mrs. Kiene are making their home at 1618 South Indianapolis street, Tulsa, Okla.

J. J. McGrath, f. s., is employed by the Illinois Bell Telephone company, 300 West Adams street, Chicago.

R. A. Schultz, '26, is an engineer with the Illinois Bell Telephone company, 212 West Washington street, Chicago.

Ethel McDonald, '07, is working toward her master's degree at Columbia university. Her address is Whittier hall, Columbia university, New York City.

Howard M. Chandler, '03, recently changed his address to room 2211, 67 Wall street, New York City, where he is associated with Petree and Dorr, Engineers, Inc.

Lucile Hartman, '21, was a recent campus visitor. She is studying at the University of Chicago in the field of institutional management and expects to receive her master's in August.

E. G. Stahl, '13, is chairman of the agricultural power committee of the Pacific Coast Electrical association. He is employed by the San Joaquin Light and Power corporation of Fresno, Cal.

George S. Wheeler, '26, is teaching in a high school in Duncan, Ariz. He will return to Denver in June to spend the summer at the home of his parents, Mr. G. C. Wheeler, '95, and Kitty (Smith) Wheeler, '95.

Lucille Sellers, '28, has accepted the position of dietitian in Stormont hospital, Topeka, and will take up her duties June 1. She recently completed her student training course at Illinois Central hospital, Chicago.

Sheldon B. Storer, '25, is a salesman for electrical equipment for the Trumbull Electric Manufacturing company with a territory of Ohio, Kentucky, and Tennessee. His permanent address is 2001 West Pershing road, Chicago, Ill.

Robert Campbell, '13, employed as a design engineer in Kansas City, visited friends in Manhattan recently. He was accompanied by his mother who will make her home with her daughter, Jessie Campbell, '25, home demonstration agent at Lyons.

MARRIAGES

PEPPER—SAHLBERG

Announcement has been made of the marriage of Miss Waynona Pepper, Abilene, to Mr. John M. Sahlberg, f. s., Chicago, which took place on March 20, in Chicago. Mr. and Mrs. Sahlberg are making their home at 711 Massena avenue, Waukegan, Ill.

ROOP—DALTON

The marriage of Miss Dorothy Roop, Kansas City, and Mr. William A. Dalton, '25, Kansas City, took place on March 30. Mr. and Mrs. Dalton are making their home in Kansas City where Mr. Dalton is employed by a radio company with offices at 618 Board of Trade building.

LEEDS—GREENE

Announcement has been made of the marriage of Miss Hazel Leeds, Rockford, Ill., and Dr. D. M. Greene, '17, Peabody, which took place on February 21. Doctor and Mrs. Greene are making their home in Peabody where Doctor Greene is practicing veterinary medicine.

DEY—MORRIS

The marriage of Mary Dey, '25, M. S. '26, and Harold P. Morris, M.

S. '26, took place at Trinity Methodist church, Urbana, Ill., on May 31, 1928. They are at home at 2279 Priscilla street, St. Paul, Minn. Mr. Morris is assistant in the department of biochemistry of the University of Minnesota, where he is studying toward his doctor's degree.

LOOKING AROUND

KENNEY L. FORD

Wilbur W. Wright, '17, principal of Hope high school, makes it possible in his vocational guidance program for every student in his school to visit the college. Last Friday, 52 pupils and parents drove the 72 miles with their instructor and Amwel E. Jones, '16, county agent of Dickinson county, for the annual day's tour of the campus.

A pre-arranged schedule was followed by the visitors. This tour made it possible for the students to visit each division and many of the departments of the college. A faculty member representative from each department visited acquainted the visitors with the work covered by his division or department. Even the study of chemistry was made alluring by Dr. J. S. Hughes, who showed a motion picture illustrating his nationally known vitamin nutrition work.

Although it is impossible to see K. S. A. C. and its 1,420 acres in one day, the high school students were able to drive from the campus long enough to visit the poultry farm, and then to the agronomy farm for a picnic luncheon. Following the luncheon the tour included the horticultural farm, the horse, sheep, beef, and dairy cattle barns and the serum plant and then back to the campus to study further the many college student activities. The day's tour ended with the boys taking a plunge in the swimming pool in Nichols gymnasium while the Hope girls and mothers were entertained by the Aggie girls at Van Zile hall.

Mr. William H. Anderson and the other fathers as well as the mothers all spoke enthusiastically of the day's tour. Principal Wright said, "These boys and girls will have a much more intelligent concept of college courses and a better understanding of the opportunities that await the young men and women of Kansas who graduate from K. S. A. C."

The following made up the 11 automobile loads of visitors from Hope:

A. E. Jones, Mrs. Ed Bertschinger, W. W. Wright, Mrs. James Ketchersid, Christ J. Hartman, Edna May Brunner, Carl Jacobson, Jessie Young, Lester Hill, Orpha Bertschinger, Ed Gantenbein, Pearle Lundine, Frank E. Coup, Drois Rubin, John W. Turner, Esther Book, James R. Ketchersid, Madeline Hukk, Ed Bertschinger, Edna Stroth, Emil Brunner, Mildred Pray, H. M. Halde-man, Eunice Halde-man, Herbert Anderson, Mrs. C. W. Hinkle, Douglas Hull, Dorothy Knopf, Willard E. Hoffman, Edna Linder, Howard L. Fry, Cecilia Anderes, William H. Anderson, Cleo Petty, Dale Bowers, Nina Mosley, Victor Engel, Ruby Alexander, Harvey Beeman, Sibyl Larson, Lee Smith, Edna Sandow, Royal Sandow, Helen Siek, Cloyd Coup, Anna Schrader, Milton Jacobson, Mary Riedy, Glen Rubin, Marie Shepard, and F. B. Majors.

William L. (Bill) Martin, '22, and Bonnie Jean (Moore) Martin, '22, are having the good fortune of securing two promotions in rapid succession without moving from Winfield. This well earned coaching success comes to an Aggie alumnus who played only intramural athletics while at K. S. A. C.

Martin, whose Winfield high school basketball teams have won the state championship for the last three years, has been appointed head basketball coach of Southwestern college. Announcement of the appointment of Martin was made recently by college officials.

Martin is a graduate of Winfield high school. He began coaching at Winfield in 1925 when his junior high school team won the state championship. Promoted to senior high school coach he won three championships in four years.

FARRELL AND CONRAD DISCUSS BOULDER DAM

SOCIAL, ENGINEERING, AND ECONOMIC ASPECTS REVIEWED

Completion Will Create Lake 100 Miles Long, Containing Water Enough to Cover Kansas Six Inches Deep

Belief that best development potentialities in the Boulder dam project will be found to lie in the production of semi-tropical or sub-tropical products, and in the raising of what formerly were considered as luxuries, was expressed by President F. D. Farrell before the college Science club Tuesday night.

Farrell discussed social and economic aspects of the project, while the engineering aspects were taken up by Prof. L. E. Conrad, head of the department of civil engineering.

The almost unbelievable fertility of the Colorado basin land when placed under irrigation greatly magnifies the importance of the land which will be reclaimed by the impounded waters of the Boulder dam, according to President Farrell.

"The land area added to the present irrigated area will be comparatively small, as compared with agricultural areas of the middle west and south," he explained. "It is the great productive capacity of the land which would make it an embarrassing factor, should the new section raise crops in competition with the middle west and the south."

Flood protection afforded by the dam will lend economic stability to the fertile and productive Imperial valley, now under constant menace from the Colorado river waters, President Farrell pointed out. "The Imperial valley is 200 to 300 feet below the level of the mouth of the Colorado river," he said.

RACE PROBLEM GREAT

Complications arising from the presence of various races which do not intermingle socially are among the most serious problems of the Colorado basin region, explained the president. "About 16 per cent of the irrigated land of California is operated by orientals."

"One of the complications arising from the coming together of two races, one of which is considered as inferior—whether rightly or wrongly—by the other, is the degradation of manual labor. One of the privileges of the American boy should be that of learning to work with his hands, but that is often made impossible by social conditions obtaining in mixed communities. They present a problem affecting church, school, and home."

"The Colorado basin country presents as radical a contrast to conditions in Kansas as one might well imagine," he said. "The people there are basically the same as we are, but their reactions are different because of their environment. They are dreamers, undaunted in the face of the most stupendous difficulties, and their spirit will make of their section one of the future real places of the United States, for good, for ill, or for both."

"A lake 100 miles long, containing about 26,000,000 acre feet of water—enough to cover Kansas six inches deep—will be created by the proposed dam," Professor Conrad said.

"It will raise the water surface about 550 feet. The promoters claim that it will accomplish four major objectives (1) Make possible an increased water supply for domestic consumption in some 17 southern California cities with a prospective aggregate population of some three or four millions. (2) Make possible the generation of more than one-half million horsepower of hydro-electric energy, which could be used for pumping the above water supply, and for industrial purposes. (3) Control of floods in the lower Colorado which constitute a serious menace to the Imperial valley. (4) Provide an increased water supply during low water periods for the irrigation of about 1,000,000 acres of additional land in Arizona and California."

FLOOD CONTROL AID

Flood control phases of the project are made possible only through the immense length of the proposed lake, Professor Conrad explained. "By allowing the water level to become comparatively low just before the flood period, enough of the flow

can be taken up to be of material help in protecting the communities below the dam," he said.

"Total cost of the project is estimated at \$165,000,000. Dr. Elwood Meade is authority for the statement that about seven years will be required for construction of the project."

A description of the Colorado river system was given by Professor Conrad, with the aid of slides.

"The rate of discharge varies from about 200 second feet to about 385,000 second feet, or possibly more," he said. "The average annual discharge seems to be about 12,500,000 acre feet, varying from about 5,000,000 to 26,000,000 acre feet."

"The river carries a heavy load of silt when in flood. The average amount carried is about 105,000 acre feet. Capacity of the lake above the dam will in time be materially reduced by the deposit of silt, though a minimum of about 260 years would be required to fill the bed up to the level of the dam."

"The dam is 30 miles from the nearest railroad site, at Las Vegas, Nev."

Professor Conrad described also the new bridge across the Grand Canyon near Lee's Ferry, Ariz., which spans the 600-mile canyon for the first time.

THREE VARIETIES OF BARLEY BEST SUITED

Experiment Station Recommends Stavropol, Flynn, and Club Mariout For Kansas Conditions

Stavropol, Flynn, and Club Mariout are the three best varieties of barley for Kansas conditions, cooperative tests made during the last six years by the Kansas agricultural experiment station, county farm bureaus, vocational agricultural schools, and farmers indicate. Results of the tests in 1928 recently were announced by H. H. Laude and C. O. Grandfield, supervisors.

Last year, Flynn, a smooth awned variety of barley, yielded highest with 35.6 bushels per acre. Club Mariout made 33.3 bushels and Stavropol 32.5. Although Flynn has out-yielded Stavropol in some of the tests the experiment station does not consider it enough better to justify recommending it in place of Stavropol, the most common variety in Kansas.

Flynn has the outstanding characteristic of a smooth awn, the agronomists point out, while the awns of Club Mariout and Stavropol are barbed.

FOUR BASEBALL REGULARS PLACED UNDER QUARANTINE

May Be Released for Game at Lawrence Friday

Disaster overtook the Kansas Aggie baseball team last Friday, with the announcement that four men would be quarantined for at least a week because of a case of scarlet fever which developed in the Sigma Nu fraternity, of which the four players are members.

The four men were moved immediately to the city contagious disease isolation house, in order to avoid additional quarantine should any new cases of the disease develop. They are William Meissinger of Abilene, catcher; Marion Evans of Gove, shortstop; Robert McCollum, El Dorado, left fielder, and Wallace Forsberg, Lindsborg, second baseman.

The first three named are regulars, and Forsberg is one of the leading candidates for his position. All four men were kept out of the St. Mary's game last night, but expect to be released for the first K. U. game, Friday. They have baseball equipment, and will practice on the grounds of the quarantine house.

RICHARDSON NEW CAPTAIN OF AGGIE BASKETBALL TEAM

Guard Chosen to Head 1929-30 Court Five

Clem D. Richardson, Hugoton, was elected captain of the 1929-30 Kansas Aggie basketball team at the annual banquet given by the Kiwanis club recently. Richardson was a regular guard last season, and was an important part of the team's scoring combination. He has one more year of competition.

RECENT HAPPENINGS ON THE HILL

Baseball, tennis, and horseshoe pitching are on the spring program for women's intramural activities.

Dr. E. J. Kraus, professor of plant physiology at Chicago university, spoke before the combined seminars of the botany, agronomy, and horticulture last week, and also gave an address in recreation center.

Students in the department of music who attended the Southwest Music Teachers' conference were: Marie Samuel, Manhattan; Evelyn Torrence, Independence; Ruth Steiner, Courtland, and Florence Dudley, Clay Center.

Wichita high school successfully defended its championship in the second annual invitation high school wrestling tournament at K. S. A. C. March 29 and 30, by scoring 43 points. Douglass high was second with 39 points, and Oberlin third with 15.

The college chapter of Sigma Delta Chi, national professional journalistic fraternity for men, announces the pledging of Jay Adrians, Westmoreland; John Bird, Hays; Johnson Holmes, Manhattan; R. C. Riepe, Kansas City, and J. Foster Scott, Manhattan.

An exhibit owned by Frederick Keppler, said to be the world's foremost collector of etchings, was on display in the department of architecture gallery last week. The display included zinc etchings, line engravings, an etching made on copper with the acid process, and a mezzotint. Tools used in each process and an explanation of each were included.

Theta Sigma Phi, national honorary fraternity for women in journalism, announces the pledging of Esther Rockey, Manhattan; Helen Sloan, Hutchinson; Ruth Botsford, Manhattan; Blanche Hemmer, Medicine Lodge; Helen Hemphill, Clay Center, and Lorna Schmidler, Marysville. Initiation of Mrs. Lillian Hughes Neiswanger, of the journalism faculty, also was announced.

HOLD CONFERENCE FOR CATERPILLAR DEALERS

Agricultural Engineering Department Will Entertain 100 Agents of Tractor Company, April 15-16

Caterpillar tractor dealers from Kansas, Nebraska, and Missouri have been invited to the college for a two day conference, April 15 and 16. The Caterpillar company is bringing 100 agents to the college those days and the program is being arranged by the agricultural engineering department under the direction of F. C. Fenton, head.

The forenoons will be devoted to talks and discussions and the afternoons will be devoted to field demonstrations. Speakers for the first morning program are Dean L. E. Call, Prof. R. I. Throckmorton, Prof. M. C. Sewell, Prof. R. H. Driftmier, and Dr. W. E. Grimes.

On the second day, speakers will be Superintendent L. C. Aicher of the Fort Hays branch experiment station, Doctor Grimes, Prof. Roy Bainier, and Prof. John H. Parker.

Baker to Lawrence

H. L. Baker, '22, has resigned his position as principal of the Manhattan high school to accept a like position in the Lawrence high school, Lawrence. After spending the summer in a western vacation trip, Mr. and Mrs. Baker and daughter, Marjorie Lee, will move to Lawrence in August.

Doctor's Degree to Miss Brown

Miss Alice Brown, former instructor in the zoology department, has finished her thesis and examinations and has been granted the degree of doctor of philosophy, which is to be conferred by Cornell university at the end of this semester. Miss Brown has been in New York City the past few years.

CHICK AND EGG SHOW SET FOR APRIL 25-27

STUDENTS ANNOUNCE AWARDS FOR ANNUAL EVENT

B. R. Taylor, Alma, Is Superintendent of Contest—Steup, Warren, Loomis, and Jones Are Judges—Classes Enough for Everyone

Students of the Kansas State Agricultural college have announced the official premium list of their fourth annual baby chick and egg show which is scheduled at the college April 25, 26, and 27. Beautiful silver trophies will be awarded to winners in virtually every class, and two sweepstakes cups will be given. Cash prizes will be awarded in special classes.

ENTRIES BELONG TO SHOW

The show is open to everyone except the Kansas experiment station and members of the K. S. A. C. poultry department, the rules say. No fees are to be charged but all exhibits become the property of the show and will be sold to help defray expenses.

Entries in the egg classes shall consist of 12 eggs, with extras to replace any that become broken in transit, except that in commercial classes the exhibit shall consist of 72 eggs—three dozen brown and three dozen white eggs. All egg entries must arrive at the show not later than Friday evening, April 26.

Each entry of chicks must consist of 25 one-day old chicks which must not have been fed. The judges reserve the right to hold a post mortem examination of any chicks to determine whether they have been fed. All baby chick entries must arrive at the show on Thursday or Friday, April 25 or 26.

OFFICERS AND JUDGES

Student officers of the show are B. R. Taylor, Alma, superintendent; Carl Williams, Dodge City, entry manager; H. L. Fry, Hope, secretary; A. Lambertson, Fairview, treasurer; and H. D. Smiley, Manhattan, advertising manager.

Commercial egg exhibits will be judged by H. H. Steup, formerly of the college poultry department, now director of research for the Poultry Tribune. V. O. Jones, extension specialist of the Perry Packing company, Manhattan, will judge fancy egg exhibits. The baby chick exhibits will be judged by Dr. D. C. Warren and A. P. Loomis, both of the college poultry department, and Mr. Steup.

Classifications and premiums in the two departments of the show follow:

BABY CHICK CLASSES

Baby chick entries will be divided into the following 11 classes: S. C. or R. C. White Leghorns, S. C. or R. C. Rhode Island Reds, Barred Plymouth Rocks, Buff Orpingtons, White Wyandottes, White Plymouth Rocks, R. C. Rhode Island Whites, S. C. or R. C. Anconas, S. C. or R. C. White Minorcas, miscellaneous, and out of state class.

In classes where either the single comb or rose comb variety may be entered it is to be understood that all 25 of the chicks are to have the same type of comb.

The miscellaneous class is open to any breed and variety listed in the American Standard of Perfection and not listed in any of the specified classes of entries.

The out of state class is open to all hatcheries not operating in the state of Kansas. Any standard bred chick may be entered regardless of breed or variety.

BABY CHICK PREMIUMS

A silver cup will be presented to the highest scoring entry in each of the 11 classes. Ribbons will also be presented in each class down to fifth place.

A sweepstakes cup will be presented to the entry having the highest score of the entire show.

A grand championship cup will be presented to the exhibitor having the highest total of points on all of his entries.

CLASSES FOR EGGS

The egg entries will be divided into six classes as follows: Student class, open to all students regularly enrolled at K. S. A. C. There will be four subdivisions in this class, namely: senior, junior, sophomore, and freshman; Kansas certified and accredited flock class, open to those keeping flocks certified or accredited under Kansas requirements; fanciers' class, open to anyone, especially farmers and fanciers; high school class, open to any student enrolled in a Kansas high school; commercial egg class, open to anyone—of especial interest to commercial egg producers and packers; state meet of National Single Comb White Leghorn club, open to Kansas state branch members only, who are in good standing.

PREMIUMS FOR EGGS

A silver trophy will be awarded to the highest scoring entry of white eggs in classes 2, 3, 4, and 6.

A silver trophy will be awarded to the highest scoring entry of brown eggs in classes 2, 3, and 4.

A silver trophy will be awarded to

the highest scoring entry of either white or brown eggs in each subdivision of class 1.

A silver trophy will be awarded to the highest scoring entry in class 5.

Ribbons will be awarded down to tenth place for both white egg and brown egg placings in classes 2, 3, 4, 5, and 6 and down to fifth place in each subdivision of class 1.

A special premium of \$5 will be awarded in each class to the exhibitor having the highest two year total score. Only scores of the 1928 and 1929 shows will be used.

A special premium of \$10 will be awarded to the one exhibitor who has the highest three year score in any class. Scores of 1927, 1928, and 1929 will be used.

SIGMA XI TO INITIATE TWELVE TO MEMBERSHIP

Society Brings Dr. F. L. Hisaw of Wisconsin to College for Two Addresses

Eight members of the college faculty will be initiated into full membership and four graduate students to associate membership in the society of Sigma Xi, national scientific organization, Thursday afternoon at 5:30 o'clock.

Two addresses by Dr. F. L. Hisaw, associate professor of zoology at Wisconsin university, will be features of the day. The society also will have its annual banquet in the college cafeteria at 6:15 o'clock Thursday.

The first address by Doctor Hisaw will be at 4 o'clock in F53, on the subject "The Physiology of the Corpus Luteum."

At 8:15 o'clock he will talk in recreation center on "Recent studies in the Relationship of the Endocrines to Reproduction." Both lectures are open to the public. Doctor Hisaw was formerly a member of the K. S. A. C. faculty.

College faculty members elected to Sigma Xi were Arthur Cecil Fay, Helen Wheeler Ford, Charles Otis Johnston, Royce Gerald Kloeffler, Walter Leroy Latshaw, Willard Hunge Martin, Samuel Cecil Salmon, and Earl Booth Working.

Graduate students chosen for associate membership are: Clarence Grandfield, David Goodsell Hall, Luther Owen Nolf, and Edward Wesley Schneberger.

Officers of the local chapter are as follows: Dr. E. C. Miller, president; Dr. Margaret M. Justin, vice-president; Dr. C. W. Colver, secretary; Prof. G. E. Raburn, treasurer.

Limestone, phosphorus, and barnyard manure may spell the difference between failure and profit with alfalfa. Ask your county agent!

PROGRESS OF KANSAS PRESS

F. E. C.

The Leader-Courier of Kingman sets all its news in six point on an eight point slug, which enables Paul C. Palmer, the editor, to pack a lot of news into his columns.

Letters to the editor of the Kansas Chief, Troy, are reprinted under a standing head "The Letter Box." Not a bad idea for papers which receive many letters from former residents of the community.

C. L. Jacoby and C. M. Rose, with their Norton Daily Telegram, put out a newspaper that must beat every other daily to the Norton territory. With Associated Press and NEA services the Telegram has the latest news and picture stories.

A copy of Paul A. Gustafson's Lindsborg News-Record came to our desk recently. It was the Bethany college Messiah number—20 pages filled with news, ads, and copy concerning the Messiah. An eight-page section was devoted to the latter.

Dora and George C. Adriance, along with Colonel Browne of the Horton Headlight-Commercial, have demonstrated that a twice-a-week newspaper can be made a success. Their semi-weekly Courier-Tribune, published at Seneca, always seems full of news and the advertisers patronize it. A column, "With a reporter on a March morning," recently was printed by the Adriances. It aimed to give the reader an idea of a reporter's daily trials. It probably succeeded and was appreciated by other reporters.

B. J. Sheridan in his weekly critic column in the Western Spirit, Palao,

'K' SWEATER WINNERS HONORED AT ASSEMBLY

M. F. AHEARN PRESIDES AT RECOGNITION SERVICE

Leaders in Intercollegiate, Intramural, and Women's Athletic Association Competition Presented by Members of Coaching Staff

Kansas Aggie athletes were paid honor in an all college convocation last Thursday morning, the occasion being the annual athletic recognition day. All K. S. A. C. students who have won awards for athletic competition, either freshman or varsity, during the past year were introduced at the chapel.

M. F. Ahearn, director of athletics, was "master of ceremonies" and each coach introduced the men of his own sport. Members of the Women's Athletic association who have won "K's" were included in the recognition program.

Seven members of the college faculty who won football letters in their undergraduate days took part in the program. They were: R. J. Barnett, George A. Dean, F. P. Root, E. R. Frank, Dr. C. A. Brandley, H. H. Haymaker, C. O. Grandfield.

Students recognized were as follows: Women's Athletic association (Miss Helen G. Saum, head of department)—Alma Brown, Kansas City; Norma Hook, Silver Lake; Helen Van Pelt, Beloit; Meredith Dwelly, Manhattan.

Football (A. N. McMillin, head coach)—H. J. Barre, Tampa; K. C. Bauman, Salina; William Bokenroger, Sabetha; W. W. Daniels, Luray; H. A. Dimmitt, Roswell, N. M.; C. H. Errington, Ruleton; Marion Evans, Gove; A. H. Freeman, Hoxie; George Lyon, Manhattan; Ed McBurney, Newton; W. H. Meisinger, Abilene; Alex Nigro, Kansas City, Mo.; Captain M. B. Pearson, Manhattan; W. E. Platt, Manhattan; Price Swartz, Everest; C. O. Tackwell, Manhattan; D. M. Telford, Manhattan; William Towler, Topeka; H. R. Weller, Olathe; James Yeager, Bazaar.

Basketball (C. W. Corsaut, coach)—Captain Edward J. Skradski, Kansas City; A. H. Freeman, Hoxie; E. L. Gann, Burden; Alex Nigro, Kansas City, Mo.; C. D. Richardson, Hugoton; Ray Russell, Kansas City; Kermit Silverwood, Ellsworth; H. R. Weller, Olathe.

Cross country (Ward Haylett, coach)—H. S. Miller, Kansas City; Henry Gile, Scandia; John Hoyne, Salina.

Baseball (C. W. Corsaut, coach)—T. M. Evans, Gove; Captain Guy Huey, Louisville; Rex Huey, Louisville; L. M. Nash, Long Island; W. G. Towler, Topeka; Robert McCollum, El Dorado; Kirk M. Ward, Elmdale; A. H. Freeman, Hoxie; Glenn Gilbert, Olathe; T. E. Doyle, Manhattan; A. R. Edwards, Fort

PROGRESS OF KANSAS PRESS

F. E. C.

is running a homophonous text—that is, a list of words the same in sound but different in spelling and meaning. "There are often found two or more words which are pronounced alike or nearly alike but are different in spelling and meaning," Sheridan explains. "These in writing should be carefully distinguished from each other." Continuing the list from week to week words are spelled correctly and defined, thus establishing the identity of each.

The outstanding success of another Kansas publisher has been told in one of the series of "Romances in American Journalism" appearing in Editor and Publisher. This time the romance deals with Marco Morrow, assistant publisher of the Capper publications. Mr. Morrow is a thorough student of the principles of advertising and among other things told the author of the article, C. E. Rogers, the following concerning advertising:

"Advertising came into being—not as the invention of the devil as some do vainly imagine, nor as the discovery of a super-genius, as others vainly boast—but as a natural, inevitable step in the evolution of our industrial system. Advertising is the legitimate child of necessity; sired by enterprise out of business service. To change the figure, it is a cog wheel in the business machine which keeps open the channel of distribution; which prevents a clog and a dam with an inevitable resultant stagnation and ruin.

"And the paradoxical thing about it all is, that advertising must do this—and does do it—without cost to the producer, the distributor, or the consumer. The normal profit from the increased volume of business transacted is greater than the cost of the advertising plus whatever increase in overhead arises from the increased volume. Advertising saves money for the consumer and makes money for the producer and the distributor."

Scott; L. H. Smith, Lebo; E. A. Stephenson, Alton.

Tennis (Ralph Piper, coach)—K. J. Silverwood, Ellsworth; Harold Lewis, Winfield.

Golf (M. F. Ahearn, coach)—Dale Lott, Minneapolis; Benjamin Remick, Manhattan; Eugene Holmberg, Kansas City; Captain Joe F. Holsinger, Kansas City.

Wrestling (Buel R. Patterson, coach)—R. H. McKibben, Kansas City; J. R. Warner, Whiting; Captain Albert Brown, Manhattan; C. H. Errington, Ruleton; Sam Alsop, Wakefield; Raymond Patterson, Morrowville; William Chapman, Wichita; K. J. Latimer, Humboldt; W. W. Gosney, Goddard.

RHOADES HEADS SWIMMERS

Swimming—Captain C. M. Rhoades, Newton; A. D. Buckmaster, Manhattan; W. E. Balderson, Wamego.

Freshman football (Ward A. Haylett, coach)—George Wiggins, Lyons; W. C. Sarna, Ada; Adolph Hrabka, East St. Louis, Ill.; Lynn E. Drake, Natoma; Alvin Stephenson, Clements; W. C. Stephenson, Effingham; O. M. Hardtarfer, Lawrence; Frank Prentup, Fort Riley; Schmidt, Junction City; L. M. Hall, Downers Grove, Ill.; Allen Tucker, Ottawa; S. E. Horner, Abilene; Emanuel Boxberger, Wakeeney; T. Rosticil, Zurich; Leland Sloan, Boise City, Okla.; M. Morgan, Manhattan; E. C. Black, Utica; Lawrence Breymeyer, Wamego; Roscoe Smith, Sabetha; Marvin Keyte, Council Grove; C. E. Wilson, Abilene; D. K. Ayers, Broken Bow, Neb.; Clinton Thomson, McCune; R. O. Blair, Coleman, Tex.; W. E. Oberg, Ames, Iowa.

Freshman basketball (Frank Root, coach)—E. L. Auker, Norcatur; H. O. Cronkite, Belle Plaine; Paul Fairbanks, Topeka; Captain Ward Gibbs, Topeka; Robert Lyons, Wakarusa; F. L. Schooley, Hutchinson; C. L. Thurlow, Hill City; Ralph Vohs, Parsons; George S. Wiggins, Lyons; L. D. Morgan, Manhattan; Allen Tucker, Ottawa; E. T. Smith, Caldwell.

Intramural high point men (Dr. L. P. Washburn, director)—R. B. Smith, Herington; C. Smith, Mayetta; C. P. Howard, Mount Hope; H. R. Weller, Olathe; Alex Nigro, Kansas City, Mo.; C. Edwards, Hoxie; Ray Russell, Kansas City; M. M. Morris, Manhattan; F. Meek, Idana; G. Kirkland, Sabetha.

W. G. BLEYER TO MAKE FOUR K. S. A. C. TALKS

Wisconsin Journalism School Director Is Pioneer in Movement for Betterment of American Press

Dr. W. G. Bleyer, director of the school of journalism at the University of Wisconsin, will be the speaker at student assembly, Thursday morning, April 11. He has chosen as his subject, "Are Newspapers Getting Better or Worse?"

At the journalism lecture Thursday afternoon at 4 o'clock, Doctor Bleyer will discuss, "The Journalism Student's Attitude Toward His Profession and the Journalism Curriculum." He will meet with two elementary journalism classes Friday morning and talk about public opinion and press influence on public opinion. At 4 o'clock Friday afternoon he will speak before sociology classes on "How Is the Press Affecting Society?"

Doctor Bleyer is one of the outstanding journalists in this country, a pioneer teacher of journalism and the author of five standard journalism text books. These are "Newspaper Writing and Editing," "Types of News Writing," "Special Feature Articles," "Profession of Journalism," and "Main Currents in the History of American Journalism."

He is the only male member of Theta Sigma Phi, national journalistic sorority. The Kansas City alumni chapter of Theta Sigma Phi is giving a banquet Wednesday at the Ambassador hotel in Kansas City, Mo., in honor of Doctor Bleyer. Prof. C. E. Rogers, head of the K. S. A. C. journalism department, will speak at the banquet on the economic position of women in journalism.

"Doctor Bleyer has been a leader in the comparatively recent movement to develop schools of journalism as a means of improving the press," said Professor Rogers. "He views the press from the point of view of a newspaper man, a reader of newspapers, and a brilliant and objective student of the evolutionary development of the newspaper. His cognizance of social aspects of newspaper treatment of political, international, and crime news, is tempered by his understanding of the problems, aims, and limitations of the modern newspaper as a big institution."

Doctor Bleyer is scheduled to be the guest of honor at a banquet to be given the faculty and students of the Oklahoma university school of journalism Saturday, April 13, and will speak before the Oklahoma City university student body April 15.

TWO BASE WALLOP WINS OPENING GAME

AGGIE BASEBALL TEAM DEFEATS ST. MARY'S COLLEGE 5 TO 2

Nigro's Double in Fourth Finds Bases Full—Pitchers Perform Well But Batting and Fielding Not Good, Says Corsaut

A fourth inning double with the bases full gave the Kansas Aggie baseball team enough runs to defeat the St. Mary's college Knights in the opening game of the season last week. Three runs were scored when the catcher missed the throw-in to home plate, and the Aggies later added two more to make the final score 5 to 2. The fourth run came when Alex Nigro, who hit the double, went to third on an error and in home on a passed ball.

Doyle was walked in the fifth, advanced on a sacrifice hit and a fielder's choice, and scored the last run on a wild pitch.

St. Mary's scored in the seventh on the combination of a misjudged fly and an error at the plate on the throw-in, and again in the ninth on a triple and a sacrifice.

Coach Corsaut used three hurlers in the fray, each doing duty for three innings. A. H. Freeman, Hoxie, started and did well until his removal in the fourth for T. E. Doyle, Manhattan, who likewise fared well. H. J. Barre, Tampa, who pitched the last three innings, was hit fairly hard but tightened up in the pinches and allowed only one earned run.

Coach C. W. Corsaut was not at all satisfied with the showing of his team, despite the fact that St. Mary's has its usual strong team. The Knights have defeated Iowa U. and Kansas U. this season.

"Our pitching was very satisfactory but we made seven errors in the field, and our batting was far below the standard set last year," Corsaut said. "I saw the first game between St. Mary's and Kansas university last week, which St. Mary's won 6 to 2. Though K. U. lost, they have a fine team."

The Aggies played a return game with St. Mary's last night, at Manhattan, and will open the Big Six season against K. U. at Lawrence Friday and Saturday.

The box score:

| KANSAS AGGIES | | | | |
|---------------|----|---|---|---|
| | AB | R | H | E |
| Ward, rf | 4 | 1 | 1 | 0 |
| Meisinger, c | 3 | 0 | 0 | 1 |
| Evans, ss | 3 | 1 | 2 | 0 |
| Nash, 3b | 3 | 0 | 0 | 1 |
| McCullum, lf | 2 | 1 | 0 | 1 |
| Nigro, cf | 4 | 1 | 1 | 1 |
| Gardner, 1b | 4 | 0 | 0 | 1 |
| Naugle, 2b | 4 | 0 | 1 | 2 |
| Freeman, p | 1 | 0 | 0 | 0 |
| Doyle, p | 0 | 0 | 0 | 0 |
| Barre, p | 0 | 0 | 0 | 0 |
| *Irwin | 1 | 0 | 0 | 0 |
| Totals | 29 | 5 | 5 | 7 |

*Batter for Doyle in seventh.

| ST. MARY'S | | | | |
|---------------|----|---|---|---|
| | AB | R | H | E |
| Geltz, ss | 4 | 0 | 1 | 0 |
| Tierney, 3b | 4 | 0 | 1 | 0 |
| Ryan, lf | 4 | 1 | 0 | 0 |
| Burns, 1b | 3 | 1 | 0 | 0 |
| Starbough, rf | 5 | 1 | 2 | 1 |
| Cooney, 2b | 2 | 0 | 0 | 0 |
| Klenck, cf | 4 | 0 | 1 | 0 |
| Patterson, c | 1 | 0 | 0 | 0 |
| Greve, c | 1 | 0 | 0 | 1 |
| Berry, c | 1 | 0 | 0 | 0 |
| O'Boynick, p | 0 | 0 | 0 | 1 |
| Bukaty, p | 0 | 0 | 0 | 0 |
| Kelley, p | 1 | 0 | 1 | 1 |
| *Hoffman | 1 | 0 | 0 | 0 |
| Totals | 31 | 2 | 7 | 4 |

*Hoffman batted for Kelley in ninth.

The score by innings:
Kansas Aggies000 410 000—5
St. Mary's000 000 101—2
Umpire, Larry Quigley.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 9—St. Mary's at Manhattan
Apr. 12 and 13, K. U. at Lawrence
Apr. 19 and 20, Wisconsin at Manhattan
Apr. 26 and 27, Missouri at Manhattan
May 3 and 4—Missouri at Lincoln
May 10 and 11—Iowa State at Manhattan
May 15 and 16—Oklahoma at Manhattan
May 17 and 18—Nebraska at Manhattan
May 28 and 29—K. U. at Manhattan

Postpone Knight Game

The baseball game between the Kansas Aggies and the St. Mary's college Knights, scheduled for Tuesday night, was postponed indefinitely because of cool and shower-threatening weather.

Student Council Elections

Election of members of the student council for the year 1929-30 will be held on Tuesday, April 23. Nominations will be made by petition.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, April 17, 1929

Number 26

VARIETY TESTS GIVE HINTS TO FARMERS

SUGGEST BEST CORN FOR SECTIONS OF STATE

Pride of Saline Makes Highest Yield in Northeast Kansas During 18 Year Period, Cooperative Experiments Show

As Kansas farmers prepare to plant corn this spring they can find some helpful hints in the records of cooperative variety testing done by the agricultural experiment station. The station has conducted variety experiments for 18 years, the results of which shed pertinent information upon the problems of adaptation.

Because of the variation of natural conditions over the state that affect corn yields, experimenters have found it advisable to divide the state into different sections for convenience in discussing the results. In reporting the cooperative corn variety tests for 1928 Professors H. H. Laude and C. O. Grandfield showed that Kansas Sunflower, Pride of Saline, Reid 1537, No. 1530, Reid 1538, and Boone County White all had made excellent yields, varying from 66.9 bushels per acre to 69.2 bushels. These tests were made in northeastern Kansas, north of the Kaw valley and east of the Blue valley.

IN NORTHEASTERN KANSAS

Pride of Saline has outyielded all other varieties of corn in northeastern Kansas over a period of 18 years, the records show. Kansas Sunflower and Pride of Saline stood at the top of the list this year with practically the same yield, but the average difference for the long period is about four bushels in favor of Pride of Saline.

Two strains of Reid were tested this year, No. 1537 grown in the Kaw valley and No. 1538 from near the northern boundary of the state. They yielded about equal and about the same as Kansas Sunflower and Boone County which results are similar to those of previous years. Ordinarily Pride of Saline has outyielded these varieties, the average differences being about five bushels more than Reid and six bushels more than Boone County. No. 1530 has been tested only in a limited way for a few years. It is a medium smooth white corn that seems to be hardy and has matured a little earlier than Pride of Saline. It yielded about the same as Pride of Saline in northeastern Kansas.

Midland Yellow and Commercial White both matured late in northeastern Kansas this year as they often do and perhaps for that reason made relatively low yields, the supervisors said. Golden Beauty, which has been grown in Nemaha county for a number of years, yielded relatively low in tests this year. An early strain of Reid known as 176A yielded about seven bushels below the other strains of Reid. Freed White and Hays Golden, both of which ripen early and are therefore well suited for early feed, yielded about the same in northeastern Kansas and averaged 12 to 14 bushels less than the best main season varieties.

NORTH CENTRAL KANSAS

In the north central section of Kansas, which includes territory north of the Kaw and the Smoky Hill valleys and west of the Blue river valley as far west as Smith county, Pride of Saline, Freed White, and Hays Golden made good yields. Pride of Saline averaged 51.6 bushels; Freed White, 49.2; and Hays Golden, 48.2.

Freed White is an earlier variety than Pride of Saline and is well adapted to the central and western part of the state. Pride of Saline is relatively better in the eastern part of this region, particularly on the more fertile soil and on land that is well supplied with moisture, while Freed White is ordinarily the better variety in the western portion of the

region and where moisture is more frequently a limiting factor.

Hays Golden yielded practically the same as Freed White in tests this year, the difference being one bushel in favor of the latter variety. These varieties are similar in size of plant and time of maturity and are apparently adapted to the same conditions.

IN SOUTHEASTERN KANSAS

In southeastern Kansas Pride of Saline also made the highest yield last year, averaging 46.5 bushels per acre in 25 tests. Yields of other varieties were Commercial, 45.3; No. 1530, 45.1; Midland, 45; Kansas Sunflower, 45; Freed White, 42.2; Hays Golden, 40.5.

The long time records show that Pride of Saline has outyielded Commercial White nearly one bushel, Midland Yellow about 1.5 bushels, Kansas Sunflower about three bushels, and Freed White about four bushels. The differences this year agree within a small fraction of a bushel except in the case of Kansas Sunflower which yielded the same as Midland Yellow and 1.6 bushels lower than Pride of Saline.

No. 1530 has been tested only a short time but has been one of the good varieties in former seasons as well as this year. Hays Golden yielded within two bushels of Freed White which it closely resembles except in color of grain. It is a new variety but the tests thus far indicate that like Freed White it is adapted in southeastern Kansas as an early feed variety and on the poorer soils may be used as the main variety.

IN WESTERN KANSAS

The best varieties for planting in eastern Kansas are inferior in the western part of the state where early maturity and extreme hardiness are primary requisites, the 1928 report states. Four varieties, Freed White, Hays Golden, Colby, and Pride of Saline made good yields last year: Freed White, 37.3 bushels; Hays Golden, 36.8; Colby, 34.5, and Pride of Saline, 29.7.

Freed White is especially well adapted to the western half of Kansas as has been shown by numerous tests since 1914. In tests this year it averaged about the same as Hays Golden and higher than other varieties. Hays Golden was first included in farm tests last year when it made as much as Freed White. Colby has ordinarily yielded less than Freed White except in a few counties in northwestern Kansas. Pride of Saline, which is particularly well adapted in eastern Kansas, made nearly eight bushels less than Freed White this year. Ordinarily the difference in favor of Freed White in that region is about 10 per cent.

KANSAS NEEDS TREES TO FIGHT SOIL EROSION

Every Sidehill, Ravine, and Waste Land Spot Should be Covered With Grass and Forest

Many locations where forest trees should be planted can be found throughout the state, says Albert Dickens, state forester, in the state board of agriculture bulletin, "Trees in Kansas." Every sidehill wood lot that holds back the soil, that fights erosion, should be treasured and improved. Every timber lot that holds the banks of a winding stream should be maintained on sound forestry principles. The day may come when the streams should be straitened out to lessen the acreage of banks and wood lots, but always and forever every bank should be protected from the cuttings of flood waters by a fringe of good timber trees.

Every ravine on the hillside farms, which has made two turn-rows necessary where the first plowing required but one, needs either by grass or trees to hold back the water and save the soil. Every pound of soil that goes down the river is so much loss. Kansas fields are young compared to some of our competing wheat growing lands, but already some of our fields are badly eroded.

TWO FEATURE TALKS ON SCIENCE PROGRAM

NOTED SCIENTIST AND ARMY OFFICER SCHEDULED

Dr. Herbert M. Evans Will Discuss Reproduction and Anterior Hypophysis—Major Haig Sherkerjain to Explain Chemical Warfare

Kansas scientists who attend the sixty-first annual meeting of the Kansas Academy of Science at the college, April 25, 26, and 27, will have an opportunity to hear an outstanding American scientist and an army authority on chemical warfare, besides many other speakers.

The scientist is Dr. Herbert M. Evans of the department of anatomy, University of California. The authority on chemical warfare is Major Haig Sherkerjain of the general service school, Fort Leavenworth.

EVANS TALKS TWICE

Doctor Evans will speak twice on Friday, April 26. His talks will be on nutrition in relation to reproduction and the function of the anterior hypophysis. He will speak at the noon luncheon and at 3:30 in the afternoon. The California scientist has done outstanding work on the function of the anterior hypophysis, which lies at the base of the brain, according to Dr. George E. Johnson of the K. S. A. C. zoology staff, who is secretary of the academy.

Doctor Evans is expected to show how this gland effects rate of growth as evidenced by the production of giant size in rats which received an extract of the gland.

HIS LECTURE IS POPULAR

Major Sherkerjain will address delegates at the opening program at 8:15 Thursday evening. His lecture on chemical warfare will not be technical but of the popular variety and may be illustrated. His address has been given several times and was highly recommended by the Kansas City chapter of the American Chemical society.

Besides these two feature speakers, Doctor Johnson has arranged for the presentation of many scientific papers in one general and three sectional programs. Friday's program will be devoted to papers covering all phases of science as well as a separate program for chemistry and physics papers.

Entomologists attending the conference will hold a special session at the fifth annual meeting of the Kansas Entomological society. A psychology meeting in which teaching methods will be given prominence has been arranged with a number of prominent Kansas school teachers listed for addresses.

The condensed program follows:

THURSDAY, APRIL 25

Denison hall, room C26:
8:15 p. m.—Lecture on "Chemical Warfare," Major Haig Sherkerjain, Fort Leavenworth. (Under joint auspices of the Academy and the Kansas State chapter of the American Chemical society at Manhattan.)
9:20 p. m.—Meeting of the executive council of the Academy.

FRIDAY, APRIL 26

Denison hall, room C26:
8:30 a. m.—Announcements and business.
8:45 a. m.—General papers.
12:15 p. m.—Luncheon at college cafeteria. Short address on "The Relation of Nutrition to Reproduction," Dr. Herbert M. Evans, University of California.

1:45 p. m.—General papers.
3:30 p. m.—Lecture on "The Function of the Anterior Hypophysis," Dr. Herbert M. Evans, University of California. (Under joint auspices of the Academy, Science club, Gamma Sigma Delta, Veterinary division, Alpha Zeta, and Omicron Nu, at the Kansas State Agricultural college.)

6:15 p. m.—Banquet at college cafeteria. Plates \$1. Send reservations to Miss Martha Pittman, college.
8:00 p. m.—Presidential address: "Certain Aspects of Research," L. D. Wooster.

Motion pictures—Observations of the Nine-banded Armadillo, H. H. Niningger; and Cinematographs of Living Developing Rabbit Eggs, P. W. Gregory.

SATURDAY, APRIL 27

General session, Denison hall, C26:

8:15 a. m.—General papers.
10:00 a. m.—Business and election of officers.
12:00 m.—Adjournment of general

session. Meeting of new executive council.

Entomology meeting, Kansas Entomological society:

9:00 a. m.—Business. Fairchild hall, room 53.
10:00 a. m.—Academy business meeting. Denison hall, C26.
1:30 p. m.—Papers. Fairchild hall, room 53.

Psychology meeting:

8:00 a. m.—Papers and business. Education hall, room 54.
10:00 a. m.—Academy business meeting. Denison hall, C26.

Officers of the Kansas Academy of Science are: L. D. Wooster, Hays, president; W. B. Wilson, Ottawa, first vice-president; Hazel E. Branch, Wichita, second vice-president; L. D. Havenhill, Lawrence, treasurer; and G. E. Johnson, Manhattan, secretary.

Additional members of the executive council are Mary T. Harman, E. O. Deere, A. E. White, and F. C. Gates.

FEATURE IRISH TENOR ON FESTIVAL PROGRAM

Allen McQuhae Only Outside Artist to Appear in Music Week, April 28-May 4

Allen McQuhae, well known Irish tenor, will be featured in the annual Spring Music Festival week program, from April 28 to May 4, according to Prof. William Lindquist, head of the college department of music. McQuhae will be the only outside artist appearing during the week. His recital will be Monday evening, April 29. He was characterized by the New York World as "A good second to John McCormack in quality of voice, style, and clearness of diction."

The week will start Sunday, April 28, with an afternoon concert by the college band under direction of Myron E. Russell.

The college orchestra will give a concert on Tuesday night, April 30, under direction of Lyle E. Downey.

A matinee program will be given Wednesday, May 1. It will be a duopiano recital by Miss Florence Steele and Charles Stratton, members of the college music faculty.

"The Bohemian Girl," a gypsy opera, will be presented by the concert management on Thursday night, and repeated on Saturday night. Leading parts are taken by members of the music faculty, and the choruses will be formed by the men's and women's glee clubs. Manhattan townspeople also will assist.

John Wray Young, a favorite of past years, will return for the Manhattan theatre's presentation of "The Green Goddess" on Friday night of festival week.

KANSAS FARMERS BUY COLLEGE BRED BULLS

Well-Bred Holsteins Go to L. B. Streeter and B. R. Gosney

Two Kansas dairymen recently purchased purebred Holstein bulls from the college dairy department. L. B. Streeter of Milford purchased a son of K. S. A. C. Korndyke Stirella, a cow which made 625 pounds of butterfat as a two year old, and is sired by the senior herd sire of the college whose dam has 706 pounds of fat as a record.

B. R. Gosney of Mulvane purchased the son of K. S. A. C. Korndyke Corinne, a cow that recently finished a record of 675 pounds of fat as a four year old. This bull is sired by King Piebe Pontiac Segis, the herd sire which the college has leased from the University of Nebraska. The Nebraska animal has several high producing daughters, one with a record of 1,106 pounds of fat.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 12 Aggies 8, K. U. 6, at Lawrence
Apr. 13 Aggies 6, K. U. 7, at Lawrence
Apr. 19 and 20, Wisconsin at Manhattan
Apr. 26 and 27, Missouri at Manhattan
May 3 and 4—Nebraska at Lincoln
May 10 and 11—Iowa State at Manhattan
May 15 and 16—Oklahoma at Manhattan
May 17 and 18—Nebraska at Manhattan
May 28 and 29—K. U. at Manhattan

OBERLIN TEAM WINS VOCATIONAL CONTEST

NINTH COMPETITION DRAWS 471 INDIVIDUALS, 71 TEAMS

Carbondale Finishes Second—Alva Van Vleet and Lester Chilsen of Oberlin are Two High Scoring Individuals

After three days of competition between 471 vocational agriculture students representing 71 Kansas high schools, the Oberlin team was declared champion Saturday, at the close of the contests. Oberlin, coached by S. H. Howard, had the highest average in the four divisions of the contest, considered as a whole.

Carbondale high school was second in the contest, Hill City, third; Winfield, fourth; Lawrence, fifth; Norton, sixth; Wamego, seventh; Manhattan, eighth; Wakefield, ninth; Chase county, tenth.

Individual honors for the contest were won by Alva Van Vleet, of Oberlin. Lester Chilsen, also of Oberlin, was second. Third place went to Royce Murphy, Norton; Robert Miller, Lawrence, was fourth; Lee Kaff, Carbondale, fifth; Lester Auld, Wakefield, sixth; David Deweesee, Wamego, seventh; Dale Nebrow, Norcat, eighth; Tom Furse, Manhattan, ninth; Irvin Hansen, Carbondale, tenth.

The contest was in four divisions, with team and individual prizes awarded in each. In number of team and individual entrants the contest is said to be the largest of its kind held in the United States.

During the three days the boys were guests of the college, Nichols gymnasium was converted into a dormitory, in which the teams and their coaches slept.

Attendance and interest in the contest exceeded all expectations. On Thursday night, when the annual banquet was held in the Manhattan community house, plates were laid for 400, the capacity of the dining room. When "noses were counted" 147 extras had to be sent elsewhere to eat, but returned for the speaking program.

CARBONDALE POULTRY WINNERS

Carbondale high school, coached by E. I. Chilcott, won the team poultry judging award. Parsons was second, Winfield and Augusta tied for third, and McDowell was fifth. The winning score was 771. Tom Furse of Manhattan high school was high individual in poultry judging, with a score of 286. Loren Waldon of Haddam was second; Boyd Waite, Winfield, third; Irvin Hansen, Carbondale, fourth; Raymond Washburn, Colby, fifth. Furse was presented with the Dairy club medal for high individual, and the Carbondale team was given a parchment certificate.

Harper high school, coached by Dwight Patton, won the team animal husbandry judging trophy, with a score of 1,609. Team members were required to judge beef cattle, horses, hogs, and sheep. Lincoln high was second with 1,582; Seaman rural third with 1,577; Goodland fourth with 1,571, and Wamego fifth with 1,546. Winfield, Dickinson county, Norton community, Hill City, and Holcomb took the remaining places in the first 10.

WAMEGO BOY HIGH

R. Kolterman of Wamego was high individual in animal husbandry judging, with 615 points. Benny Reid of Kingman was second. Orville Loyd, Clay Center, finished third; Cortlan Williams, Coldwater, was fourth, and Wayne Jacobs, Harper, fifth. Herbert Knabe of Dickinson county and Harold Yontz of Holcomb consolidated were sixth and seventh, respectively. Eighth and ninth places were tied between Courtney Allen of Holcomb and Howard Elliott of Goodland, and there was also a tie for tenth and eleventh, between Cecil Snyder of Augusta and Donald Curfman, Winfield.

(Concluded on page 4)

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILIAN HUGHES NEIS-
WANGER, R. L. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, APRIL 17, 1929

A COUNTRY THAT LOOKS AHEAD

Looking out over Wildcat one sees farm house groups, small dots on the hillsides. Trees turning fresh yellow, green, or pink and white are beginning to tie the house and sheds again into the landscape of hills, trees, and rhythmic streams. The scene is so picturesque it might be an English hillside, or a New England valley, one mused. Spring gives it a bit of the glamor and romance of an older country.

Yet this is a country that looks ahead, not behind. One knows that within those farm houses men and women are planning how they will paint the barn this spring, buy a car this summer, add a porch next year. Men are in the fields again and the business of tilling the soil anew is under way. They work the land with visions of harvest and the promise and hopes of another year.

This is the season of new things. This is the country of the future. New England farms belong to a glamorous past. Only the old people still try to work the relentless rocky land. They live in ancestral worship. Their houses stand as they did a hundred years ago, monuments of a past. Our farm houses pulse with the life that looks to the future.

LEISURE TO PLAN

I would like to see the eight hour day come to the farms of America. Few industries now have a work day longer than that. Several have a shorter one. Leaders in industry are predicting the five hour day or the five day week as something not far in the future. And why not? Scientists and engineers have so perfected processes and machinery that a person, in five hours, can turn out the finished goods that once required eight hours of effort. Why should not the worker profit as well as the industry? Why should he not share in the benefits, his to be paid in increased leisure.

If industry can thus develop and the workers in it obtain greater leisure, so, too, can farm folks. Many are doing it. More will do it tomorrow. You can be one of them. I'll tell you how. Development of machinery has brought to industrial workers the ability to produce merchandise in large volume quickly and cheaply. Machinery is doing the same thing for workers on the farm.

Perhaps the development of farm machinery and equipment has not been so great as in industry, but vast progress has been made in recent years. The combine alone deserves tremendous credit. Farm women know that. Ask the wife of the man who harvests his wheat and small grain crops with the combine. She'll tell you of the relief it brought to her by making unnecessary the cooking for a gang of harvest hands. The corn picker is destined to make another contribution to the leisure of farm folks. The milking machine already has done so on thousands of farms. I could name other machines deserving of as much praise. And the beauty of it is that these machines not only bring leisure to farm folks, but cut costs of producing crops and increase profits.

Purchase of such equipment never

should be classified as expense. It is an investment. It yields a definite return in extra cash. But even more important than increased profits is the ability of this equipment to help you get your work done quickly and efficiently and to free you from the hard hand labor of the past. It gives you more time to devote to the intelligent management of the enterprise. Today management is one of the most important factors in successful farming. No farmer can afford not to get the extra time he needs to think and plan.

—Ray Yarnell in Capper's Farmer.

BOOKS

The Joys of Thinking

"The Art of Thinking" by Ernest Dimmet. Simon and Schuster. New York. \$2.50.

The ability to think clearly, surely and creatively is a precious possession. It is rare because few people have a genuine desire to think and few understand either the obstacles to thinking or the methods of overcoming them. In this little book Abbe Dimmet describes the obstacles, which are rather formidable, and suggests methods whereby they may be surmounted by people who really desire to experience the joys of thinking.

Mental laziness, low intellectual aspirations, the complexities of modern life, most modern literature, and many features of modern education, in the opinion of the author are obstacles to thinking. "Man is born," he says, "without phantasms or inferiority complexes and with a capacity for observing and garnering thought-fostering images. Life, including such—apparently—helpful influences as education and literature, destroys this tendency, as an April frost kills blossoms, and imitation, ignoble conformism, takes the place of originality."

Solitude is the first requisite for thinking. "The art of thinking," the author says, "is the art of being one's self and this art can only be learned if one is by one's self." This refers to exterior solitude. There is also an interior solitude which is equally important and which we call concentration. Both kinds of solitude are obtainable by anybody who really wishes to think and the author explains how they may be obtained.

While reading as practiced by most people tends to destroy ability to think, intelligent reading of the best books, and even of the newspapers, promotes thought. But underlying all successful efforts to think must be a genuine desire to think. Native ability is not sufficient. "Many promising young professors, physicians, or lawyers have disappointed expectation and finally created disgust simply because they have accumulated obstacles instead of helps on the path of their thought. What has been lacking? A taste for good books. These men have preferred light conversation, cards, or the idleness of the country club to what they were apparently born to love, and they have deteriorated in consequence."

The book's 216 pages contain many helpful and stimulating suggestions besides those indicated above. And every suggestion, while it necessarily involves effort, is intended to be helpful in producing the highest form of personal pleasure and in developing richness of personality. "Every one of us," the author concludes, "can be personal, that is to say, creative, if he is not in danger of losing his personality in self-consciousness, or through the phantasms besetting whoever tries to express himself. This means that he, at once, becomes interesting to his fellow beings and indifferent only to an individual who will drown himself in the multitude. . . . The doctrine underlying this volume is that thought, alone counts, and thought cannot coexist with anything that is not our self in its highest and noblest possibility." —F. D. Farrell.

SPECIOUS SECURITIES

With the increasing interest in stocks and bonds as speculative investments, publications purporting to be financial journals have sprung up to spread propaganda for specious securities.

These "tipsters' sheets" are being read by some 15,000,000 persons in the United States and Canada. One

"tipster" spent \$36,000 weekly for postage alone in circularizing about 600,000 persons in whom he saw possibilities to sell his pet stocks. This did not include the cost of printing, the salaries of some 200 girls who mailed out these publications, or the costs of thousands of prepaid telegrams which were sent out each week. Needless to say, the victims ultimately pay this postage, printing, and clerical expense out of their losses in this form of speculation.

Nearly every investor in securities of any kind is at some time on the circulation list of these sheets. Some are part of the paraphernalia of illegitimate market operations; others feature independent promotions and still others profess to give expert

convention at Salina, where he played the pipe organ.

W. G. Ward, '12, was in the engineering division of the North Dakota Agricultural college.

Lyman Streeter, '07, and Mrs. Kate (Hutchinson) Streeter, '07, visited friends at the college.

TWENTY YEARS AGO

Ellen Hanson, '07, was called home by the death of her sister, Esther (Hanson) Ross, '03.

Twins were born to F. J. Howard, senior in 1902, and Marie (Hjort) Howard, special student in 1901.

L. B. Bender, '04, was chief electrician at the Puget Sound navy yard. This appointment was awarded

Viewpapers vs. Newspapers

Dr. W. G. Bleyer
Director of the School of Journalism
Wisconsin University

Critics of our present day press are prone to hark back to the so-called "Golden Age" of personal journalism when Greeley, Bowles, and Godkin were outstanding national figures. Few of these critics seem to have looked over the files of the newspapers that these men edited.

If they had, they would realize how inadequate a picture of the world's doings those papers presented to their readers. The Golden Age of American journalism was one of the viewpapers rather than newspapers.

The critics also forgot that personal journalism was a part of nineteenth century individualism in business, an individualism that in the twentieth century has given way to impersonal, corporate ownership and control. Bennett, Greeley, and Bowles were the owners of the papers that they edited. Outstanding personal leadership in American life, except perhaps in the field of politics, is now far less conspicuous than it was a generation or two ago.

. . . It has become difficult, if not impossible, to start new daily papers without a very large amount of capital. Time was when a James Gordon Bennett could launch a paper in New York City with a few thousand dollars and develop it into a journal of nation wide influence. That day has long since passed, but it would be just as difficult for a man with small capital to establish a new automobile company, and compete successfully with Henry Ford or the General Motors corporation.

counsel in the oil or mining field. All work on the inherent desire of the investor to make "easy money" and "get rich quick." —From "Crooked Financial Schemes exposed" by George M. Heisser.

CHANGING FOOD HABITS

In the past 15 years the food habits of city people have changed to a greater extent than is generally realized. Millions of urban folk live sedentary lives. They eat less per person than they would if they were engaged in physical work outdoors, their requirements being less and also different.

Records covering food consumption in 600 American hotels and 700 restaurants show that since 1917 the demand for whole wheat bread has increased 35 per cent, while for white bread it has declined 29 per cent. An increase of 215 per cent in the consumption of sandwiches has occurred, while that of canned vegetables has increased 30 per cent and that of fresh vegetables 35 per cent.

Substitutions in food are practiced on a large scale. Foods are in competition with one another in the markets. In 1927 food advertising in magazines along cost \$23,000,000. Foods are more heavily advertised than any other commodity. It is gratifying to note that the consumption of fresh vegetables steadily increases. Being healthful, palatable, and uniquely valuable in the diet, improvement in their quality, grading, and marketing insures their ever-increasing consumption. —From the Rural New Yorker.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Ethel Arnold, '18, was teaching home economics in the high school at Perry.

R. H. Brown, '98, of the department of music attended the Masonic

him following a competitive examination.

Contractor George Hopper had nearly completed the structural work of the south wing of the old shop building.

THIRTY YEARS AGO

Mrs. Emma (Spohr) Huggins of Emporia was among the visitors in chapel.

The faculty was considering the question of adding a commercial science course and a short course for farmers.

Professor Walters was working on the plans and specifications of the agricultural building. The proposed location was on the site of the ruins of the president's residence destroyed by lightning in 1895.

FORTY YEARS AGO

Hannah M. Evans, student in 1886, reentered classes.

Mrs. O. C. Charlton of Ottawa university was the guest of Mrs. Kedzie for a few days.

W. L. Thickstun, junior in 1887-88, wrote from Rich Hill, Mo., where he was manager of a clothing store.

The college furnished about 500 elms and several hundred other trees for the grand rally at the city park on Arbor day.

FIFTY YEARS AGO

There was to be a daily mail up the Blue river, it was announced.

Mrs. Harriet A. Buell, mother of C. Stewart and Delight Buell, students, died suddenly.

At a faculty meeting it was decided that an exhibition by the undergraduates would be given during the commencement.

Professor Van Deman was engaged with a squad of students in setting out trees, laying walks, and making flower beds on the campus.

UNNAMED POEM

Emily Dickinson, Recently Published in the Atlantic Monthly

Through the dark sod
As education
The Lily passes sure,
Feels her white foot no
Trepidation,
Her faith no fear.

Afterward in the meadow
Swinging her beryl bell,
The mold-life all
Forgotten now—
In ecstasy and dell.

SUNFLOWERS

H. W. D.

SEATIN' 'EM

Although it seems to be over now, it might be well to recall the fact that Washington sassiety has been getting told by the great American people. And the great American people have been somewhat unanimous and emphatic in insisting that Mrs. Dolly Curtis Gann not be discriminated against because she is the sister, rather than the wife, of Vice-president Curtis.

All the which may be very much la-de-da or not, according to your convictions; but it does have a slight tendency to build up faith once more in the commonsense of the masses as uttered by their spokesman, the newspaper editors.

The merits of the case—if it has merits—are unknown to us and everybody we have interviewed. Just how many degrees lower than a wife a sister is we are perfectly willing to leave to Emily Post, Mr. Kellogg, Gene Tunney, Will Rogers, Judge Landis, the League of Nations, the Watch and Ward society of erudite Boston, or any other authority. But like most other ordinary Americans we do object to leaving it to what Moon Mullins would call the "sassiety dames" of Washington.

As for our own ignorant self, we always have difficulty in remembering even whether the honor guest should be seated to the right or left of the host or hostess or what have you. And if there were as many as three or four honor guests we should probably grow dizzy and fall in a faint if we had to solve the riddle.

When left to our own devices we never choose a seat, even for ourselves, at a dinner or hamburger shoppe geographically. Our policy is invariably to ooze toward somebody we like and away from those who give us the willies. Whether the domestic dowagers at Washington would care for this we know not, but they are welcome to try it out any time they feel so inclined.

We are consequently glad to know that the colony of foreign diplomats have ruled that they are perfectly willing to recognize Mrs. Gann as an official hostess even though she did come to Washington some thirty years ago as the obscure secretary of an obscure congressman. Of course, being foreign and coming for the most part from aristocracy-ridden nations they may not be conversant with the democratic traditions that have been so carefully worked out by the sassiety dames of free America. But somehow their commonsense appeals to us and we are happy to have them on our side.

We suspect that Vice-president Curtis and his sister have hurt the feelings of the old girls in Washington by refusing to remain obscure. Advancement upon merit is always hard for sassiety to comprehend. It disturbs things so—and it makes the allocation of the place cards a peculiarly difficult task.

Sassiety insists that society line up today as it did yesterday, but society in America—if we are not fooled—is always saying, "How come?"

Sassiety never knows where to seat people who won't stay put.

The poorest man may in his cottage bid defiance to all the force of the Crown. It may be frail, its roof may shake; the wind may blow through it; the storms may enter, the rain may enter—but the King of England cannot enter; all his forces dare not cross the threshold of the ruined tenement. —William Pitt.

CLASS OF '92 KEEPS IN TOUCH DURING PERIOD OF 37 YEARS

ALL LIVING MEMBERS TELL OF UPS AND DOWNS OF LIFE SINCE GRADUATION, IN BOOKLET EDITED BY FRED C. SEARS, AMHERST, MASS.

The class of '92 might well challenge the world to produce a better organized alumni group which is more cooperative or has a finer fellowship than they enjoy.

Although 37 years have elapsed since the 35 of '92 graduated from K. S. A. C. members of this group today are nearly as well acquainted with each other as they were from '88 to '92. This knowing of the ups and downs of the other fellow has been made possible through the publishing of four class letters by Fred C. Sears, Amherst, Mass. The fourth class letter booklet, a volume of 40 printed pages, has just been received. This booklet contains a letter from every living member of the class. The booklet is attractive in its make-up, and has a photograph of the old chemistry lab on the cover page. A picture of the editor, enjoying a sea trip on board a schooner bound for Labrador is on the inside cover page.

The following paragraphs are taken from the interesting letters that make up the letter:

L. C. Criner, 519, North Erie, Wichita, "Here is the chronology: Taught school four years; bought and published the McPherson Opinion 15 years, during which time I served as first lieutenant in the Spanish-American war, and in a local way was elected to the school board, on the city council, and as mayor of McPherson. Was manager of the McPherson telephone company for seven years. I tried to do my bit in the World war but was too old for active service—a war in which we fought for democracy abroad and lost it at home. I have three children, two daughters having graduated at K. S. A. C. and a son who expects to finish Wichita high school this year, and enter K. S. A. C. next fall."

George L. Clothier, proprietor of Springdale farm, Florence, "If any of my classmates of 1892 wish to visit me they will be royally received, and my son, George L. jr., will take them boat-riding and fishing on one of the finest streams in Kansas."

Harry A. Darnall, Portland Ore., "I turned real dirt farmer some 10 years ago; but not one of those white shirt, swivel chair fellows who tell how it should be done. I got right out among them, learned it all over again by practice in Oregon methods, turned dairyman, herded swine, goats, poultry, and raised some garden sass, fruit, and sich and peddled it. But such idyllic association cannot last forever. The job got old, as all jobs do, so the farm was traded in for city advantages, and the last two years have been devoted to dodging tax collectors and other agencies of metropolitan extortion."

W. H. Edelblute, Rathdrum, Ida., "From 1892-1900 taught school, taking up a homestead in '95. 1902 got married and later on raised four boys and one girl, also the mortgage on the farm. From 1902-1908 county engineer and surveyor. From 1912-1916 member of state legislature, losing a few friends but making many enemies."

"During 1916 put in seven months on the Mexican border, in command of state troops, fighting fleas, mescal and public opinion. From 1917-1919 in company with Jack Pershing helped to put down the war and make Europe safe for democracy—like it is today. I understand that John J. accepted a lot of shiny medals in part payment for his services but I took mine in cold cash. I returned quietly and peacefully to my little retreat where the summers are pleasant and the winters mild, where I can gather the eggs and milk the cows without fear of drawing front page stuff when any of my kinfolk die. 'God Bless Our Home.' Come and see us."

Charles P. Hartley, United States department of agriculture, bureau of entomology, 715 Euclid avenue, Toledo, Ohio., "European corn borer work has kept me here for nearly

two years. My family is in our little home at 3420 Center street, N. W., Washington, D. C., where my three children are growing up like Topsy. Having cooperated with the corn improvement work under way at many of the state experiment stations, the two years here with this pest seem like an age.

"When giving suggestions about corn improvement I was received gladly. The past spring I visited a father and son who had won prizes for high yields and told them we contemplated testing some good varieties under corn borer conditions. They received me coldly saying, 'you are going to waste some more of our hard earned tax money, are you.' So theoretically I am strongly in favor of looking on the bright side but with a family to support I have been compelled to look for corn borers, and have found and killed some but believe that a bat or an evening flying swallow or a night hawk could do better and enjoy it more."

Elizabeth Edwards Hartley, Plas Mauer, Manhattan, "Teaching school or matrimony seemed the only natural opening in life for the ten of '92, three of whom fell victims to the latter, very soon after graduation. For my part my classmates then could testify my matrimonial prospects were not at all promising. I had early in life resolved to make a famous teacher, and be great! It took six years of teaching to convince me that it was best I should change my vocation, and make life really worth while. I was the only one of the ten to break a pledge we made in Mrs. Winchips' sewing class which was to the effect that we would never marry a farmer. Wisdom prevailed and I changed my mind."

John W. Hartley, Manhattan, "Six years after I graduated from K. S. A. C. I persuaded Miss Elizabeth Edwards to be my wife. At this time I was 32 years of age and she was—well, I'd better not say. I hesitated a long time, wondering if she could support me in a way that I thought I ought to be supported. So far she has done exceedingly well."

"We have succeeded in accumulating some of this world's goods, but not enough to brag about. If we don't live too long we will have enough to do us with some work and saving as we journey along through life. We have traveled a great deal over the United States and Old Mexico, but like no place as well as Riley county, and we are now living just 133 steps—stepped off for your benefit—from the northwest corner of the college campus."

"We have four children, three girls and one boy, Gladys 29, Wilma 25, Edward 23, and Elizabeth 21. All have a good physique and plenty of brains to carry them through life if they use them judiciously. None of them are married at this time—careful like their parents. Gladys graduated from K. S. A. C. in 1922, taught in high school at Iola four years, then returned to K. S. A. C. and received her master's degree in one year, at the same time gaining scholarship for advanced work at Columbia university, New York. She will receive her doctor's degree next year."

"Wilma went three years to K. S. A. C., then switched to the teachers college at Emporia, obtained a life certificate to teach school and has used it now for four years. Edward prolonged his college course by working for his uncle in a wholesale grocery store at Phoenix, Ariz. He is now a sophomore at K. S. A. C. Elizabeth will graduate from K. S. A. C. next June."

John Frost, Blue Rapids. "The short and simple annals of the poor—this is the story I have to relate. In the spring of 1900, the Missus and I (most important items named first) moved to Cosynook farm. In 1909 we moved a little closer to Blue Rapids, to Bluevue farm. There on the banks of the Blue river we have

raised hogs, cattle and chickens, corn and wheat for nearly 20 years. Wanting a chance in the winter time to get a little rest, we have given up stock farming, and depend on corn and wheat to keep the wolf from the door. Seven children have kept us from becoming lonesome or lazy. All but two of these have done time at old K. S. A. C. Earle and Hilda and the two sons-in-law are graduates of K. S. A. C."

Dan H. Otis, 1822 Chadbourne avenue, Madison, Wis., "In 1903, after ten and one-half years of official connection with K. S. A. C., it seemed best for me to get more practical farm experience. The opportunity came when offered the position of manager of the Deming ranch, a 2,500 acre livestock farm in Labette county, Kansas. J. H. Criswell, '89, and Bell Frisbie Criswell and L. S. Edwards, '03, realized that we needed help and counsel and were kind enough to go along as crop and livestock foreman respectively. There were 27 teams and from 25 to 60 men employed in crop and livestock production and development work. In 1904 the Neosho river overflowed and covered every inch of our crop land (1,500 acres) and flooded every house and barn on the place. This flood had one redeeming feature; it drowned my agricultural mistakes."

"One afternoon in June, 1905, came a telegram from Dean W. A. Henry of Wisconsin stating that he would be in that evening to talk business. The first week in September of that year found us in the beautiful city of Madison, Wis., with a job entitled assistant to the dean and assistant professor of animal nutrition, University of Wisconsin."

"Later promotions changed the title to assistant dean and professor of farm management. When the United States entered the war in 1917 I became emergency food agent for Waukesha and Jefferson counties, Wisconsin. The following year I went overseas as 'Y' secretary in educational work and later was transferred to the army educational corps. Returning in the latter part of 1919 I became director of agricultural work of the Wisconsin bankers association. Three and a half years later I became director of the agricultural commission of the American Bankers' association, with an office in the First National bank building, Madison, Wis. In this position it is my duty and privilege to visit each state annually and confer with officers of state bankers' associations, members of their agricultural committees and with officials of the state colleges of agriculture for the purpose of stimulating greater interest in agriculture on the part of the bankers. Occasionally I make use of the training received in the Webster literary society and from chapel orations to address bankers conventions, civic clubs and farmers' gatherings."

J. Laird McDowell, Tucson, Ariz., "In '94 I began learning mining underground at Cripple Creek, Col. In 1903 I moved to a ranch in Idaho—a wife and two boys to go along. I had been a deacon for four years in the Baptist church at C. C. Now a farm came out of the sage brush and a Sunday school into the community. But Baptists and Mormons don't grow peaceably side by side so in 1909 I began three years as underground track and air man for the Elkton at Cripple Creek. In 1912 I made a fortune for others as foreman of leases—and in '14 began for myself. By 1917 I had paid for the ranch and home at Tucson from the gold mined, so moved there. As a farmer I have made a beauty spot of a desert place. Have put our irrigation district on a firm footing, and expect to sell it all soon for the water supply—so will have to start again."

Ivan B. Parker, Hill City, "A short time after graduating I left for the Pacific coast armed with a letter from prexy. My first stop was Los Angeles where the real estate dealers tried to sell me a block of ground near or where The Angelus hotel now stands. They wanted \$1,200 for it. What a pity I hadn't bought it. We would have a class reunion every year at my expense. I drifted on north through California and Oregon and was offered the school at

The Dalles. Somehow it didn't appeal to me and I decided while there listening to the waiter's monotonous beef steak, mutton shop, liver and onions and fried salmon, to return to Kansas and study medicine."

"I came back and matriculated with the University Medical college of Kansas City. After matriculating I returned to Manhattan and married Mary L. Findley, a college student and home county girl. We have five children living, all high school graduates, some university graduates, one a lawyer and two soon to graduate in medicine. The boys are all located in our home county."

"I finished the three year medical course in two years and started out on my life work with no money. It was a hard struggle for two or three years. One winter I had to teach the town school and let my wife substitute for me when away on a call. These hardships and privations were no doubt good for us. They didn't last so very long. I soon drove a buggy in place of a cart. Thirty years ago I was one of the founders and the first president of a bank. I have been its president ever since. Soon I helped found another bank and was one of its directors. About this time parties in Oregon interested me in a sawmill and lumbering proposition. I moved to Grant's Pass, Ore. I had a big practice there and was associated with the Southern Pacific railroad. The saw mill proved a boomerang and I sustained a loss of over \$10,000, quite a nest egg for 1904. In 1906 we returned to Hill City and have been here ever since and probably always will be. If any of you ever come through on U. S. 40 north, stop and see us."

R. A. McIlvaine, 3131 N. Mayfair street, Spokane, Wash., "Until June 1905 I taught almost continuously in Kansas, Montana, Wyoming, Idaho and Washington. My last school being on the beach of the great Pacific. Then, having earned what I thought I would need in life I retired at the age of 63. But I still have certification in Kansas, Idaho and Washington, the first and last being for life, for I graduated in 1893. We were married in 1908 but I lost her less than a year after. I was then in the United States Indian service as principal at Carson, Nev., where she taught with me. I laid her to rest near her old home in Osage City. Next year I was transferred to Arizona, since which time my home has been in this city. With my own hands I am making my house three times its original size, working as much or as little as I feel like doing."

Loyal S. Harner, Colorado Springs, Col., "After two or three or more false starts I drifted into gold and silver mining, an easy job. I was in as I hoped and supposed on my own account, but got into a lawsuit. The lawyers obligingly took my equity; of course that simplified matters considerably. Let me add right here in order to keep the record straight I got back in again and have engaged in mining and its allied branches for more than 30 years and am still so connected."

"The economic results have been that the proverbial wolf has been slowly, but surely steadily and wearily, forced from the back door to well nigh the back of the garage. Birthdays, weddings, being grandfather and the like have little attraction for me now. I am trying to put up a fight against oncoming age without submitting to glandular treatment."

Burton H. Pugh, Topeka, "Much water has passed under the bridge during the 36 years since the class of '92 left the halls of old K. S. A. C. The four years there was an epoch in our lives, at least I have felt it was a very important epoch in mine. Often I think of you classmates and of the kindly professors who taught us faithfully and who must have often wearied of the sameness of their job. I shall never forget Professor Olin and the brightness he always brought to the classroom. President Fairchild was so polite it was almost a pleasure to be called in upon the carpet before him."

"Then there was Doctor Mayo, the 'Will Rogers' of the faculty, and Professor Walters, the keen little sawed-off teacher, half clown, half instructor, and all around good friend. The

stately Professor Nichols, the shaggy, sober faced Professor Shelton, and Georgeson of the Vikings, all dropped something into our lives that we have been able to use and to profit by."

"My life has been just an average life with plenty of work. Riches have, so far, evaded me studiously but hope springs eternal. Money is not hard to make but the stuff is so perishable. After all I have found much pleasure in life in the doing of things the best I knew how. Wife and I live comfortably at Topeka which has long been our home. I have one son and a beautiful little 8 year old girl that calls me granddad. She is an expert swimmer."

Fred Coleman Sears, Amherst, Mass., "In December, 1896, I decided I needed a doctor's degree so got a leave of absence from K. S. A. C. and went to Cornell. Had been there about a week when I received a wire saying I'd been elected to the chair of horticulture at Utah Agricultural college. Prof. L. H. Bailey said on my asking his advice, 'Go, by all means. They can do you a lot more good than we can.' Taught there less than a year, living in a fine Mormon family. Wonderful experience, but couldn't stand the combination of Mormonism and politics in the college."

"Resigned, came back to Kansas. Ruth Stokes and I were married on October 19 and left the same day for Wolfville, Nova Scotia, where I had a position as director of their school of horticulture. Lived in the province 10 years and wonderful years they were, too; last three at Truro where they had established an agricultural college. In July, 1907, we came to Amherst where I had been elected professor of pomology and pomologist of the experiment station. We brought with us a pair of twin girls three months old. Some trip by the way."

W. P. Tucker, Arcadia, Fla., "As my own plain tale of the span since '92, I humbly admit not having set the world on fire. But mainly they have been happy years. Ever and increasingly I appreciate the blessing which we of K. S. A. C. share in having received the fundamentals of a liberal education, with its stimulus to a fuller life. Several years following '92 passed rather aimlessly at the home town, Douglass, with the Tribune or farming."

"In '96 I went to St. Louis, beginning the study of Spanish, accounting and stenography with an eye to Spanish America. I spent two years in San Antonio, Tex., which were valuable for their training. With '98 came my work in Mexico, where I remained 10 years. In 1902 Stella V. Kimball, of Manhattan, K. S. A. C. '94, and I were married. Followed then 21 years of wedded life as happy as a couple ever spent together. In 1908 we left Mexico. Porfirio Diaz was still president and the country tranquil. But the call of the states won, and we returned home. This closed the first phase of the years since '92. The second opens with our buying a farm here, with a small orange grove and making that our home. Since then growing citrus fruits and trees has been my chief work, together with some general farming."

Harry W. Stone, Y. M. C. A., Portland, Ore., "My life, since I was so kindly taken in and made a part of the class of '92, has been spent entirely in Y. M. C. A. work. At the time of the graduation of the class I was general secretary at Atchison. For a short time I was state secretary for Nebraska; then for three years, 1893-1896, I was general secretary at Sioux City, Iowa, coming to Portland, March 1, 1896, since which time I have been general secretary of the Y. M. C. A. in this city."

"I am a member of the general board of the Y. M. C. A. and the home board and the chairman of the national educational board of the Y. M. C. A. so the movement has used me locally, nationally and in its world outreach. There is hardly a day that some K. S. A. C. alumnus does not call upon me and I am always glad to see the younger generation, but, of course, doubly glad to see those whose lives mingled in the old days at Manhattan. We have a fine representative group from the old college here and around Portland."

AGGIES SPLIT SERIES WITH JAYHAWK TEAM

WIN OPENER, 8 TO 6, BUT LOSE
SECOND 7 TO 6

Negro Gets Homer in First Big Six
Game, McCollum Repeats in Sat-
urday's Clash—Wildcats
Outhit Both Days

The Kansas Aggie baseball team split its first series of the Big Six season, against the university last Friday and Saturday, winning the first game 8 to 6 and losing the second 7 to 6. The Wildcats got a two run lead in the first inning of the opening game, added one in the third and three more in the fourth. Just to make it safe Alex Nigro knocked a homer in the fifth, with one on.

The Jayhawks filled the bases in the sixth, eighth, and ninth innings, but got only one run after the fifth out of all their efforts.

In the second game airy Jayhawk fielding and a home run by Robert McCollum of the Aggies gave Corsaut's team a four run start in the first inning. The Jayhawks caught up in the sixth and scored the winning run in the seventh, defeating T. E. (Lefty) Doyle for the first time in his college pitching career.

First game:

| | R | H | E |
|------------|---|-----|------------|
| Aggies | 201 | 320 | 000—8 7 3 |
| Jayhawks | 000 | 321 | 000—6 10 1 |
| Batteries— | Freeman, Gilbert, and Meissinger; Fisher and Trombold. Umpire, Larry Quigley, St. Mary's. | | |

Second game:

| | R | H | E |
|------------|---|-----|------------|
| Aggies | 401 | 010 | 000—6 8 4 |
| Jayhawks | 020 | 022 | 100—7 12 8 |
| Batteries— | Doyle, Barre, and Meissinger; Thomson and Trombold. | | |

LOOKING AROUND

KENNEY L. FORD

The board of directors of the alumni association of K. S. A. C. met Saturday, April 6, in the alumni office. Mamie Alexander Boyd, '02, Phillipsburg, vice-president; H. W. Avery, '91, Wakefield; C. E. Friend, '88, Lawrence; W. E. Grimes, '13, R. A. Seaton, '04, H. J. Umberger, '05, secretary; Cora Thackrey Harris, '98, were present at the meeting.

The alumni secretary was authorized by the board to act as general chairman of alumni activities during commencement week. Plans were outlined for the following class reunions: '79, '84, '89, '94, '99, '04, '09, '14, '19, '24, and '29. All of the above classes have local representatives working for a large homecoming of their respective classes. Of course there will be many representatives back for commencement from all classes not included in the five year groups.

The alumni board appointed the following standing committee on endowments and bequests: Ralph Snyder, chairman, Dr. W. E. Grimes, and Kenney L. Ford. The board feels that the fact that future bequests to the alumni student loan fund have been made during the past two years totaling more than \$100,000, is an indication that many friends and alumni of the college will desire in the future to aid K. S. A. C. by giving large or small sums of money or property to aid various departments and activities of the college not adequately cared for by the state legislature.

Dr. Edward O. Sisson, '86, of Reed College, Portland, Ore., has accepted an invitation from the director of the Territorial Teachers' college of Hawaii to give courses in the summer session, beginning June 16. This is the third time that Doctor Sisson has been invited to go to the islands to lecture but he has previously been unable to accept.

Doctor Sisson will give two courses, one on character education and one on general theory of education. These subjects were handled by him last summer at the University of California and the previous summer at Harvard. He was an official delegate for the United States government to the first pan-Pacific educational conference in 1921, and made his first visit to Honolulu at that time.

Getty Leaves Hays

R. W. Getty, in charge of forage crop investigation work at the Hays experiment station since 1913, left

the government service April 1 to engage in farming on a place near Lenora in the southern part of Norton county. Mr. Getty received his degree in agronomy from Nebraska university in 1913. He has probably done more toward developing better sorghums and improving methods of production than any other man in Kansas.

FORM STATE CHAPTER OF FUTURE FARMERS

Boyd Waite of Winfield Elected First
President of Vocational Ag
Student Group

Organization of the Kansas chapter of the Future Farmers of America was perfected during the three day meeting at the college of vocational agriculture students from over the state. The state organization was formed by representatives from schools which already have clubs in the national Future Farmer organization.

Boyd Waite of Winfield high school was elected state president of the group, and Elvyn Reufner, Abilene, vice-president. Lee Koff of Carbondale was chosen secretary-treasurer, and Dr. W. E. Grimes, K. S. A. C., state advisor.

Waite is 18 years old and is a senior at Winfield high school. He earned \$200 last year in project work, and has four major projects under way this year.

Reufner has \$300 invested productively in agriculture, was a member of the 1928 state judging team, and is active in high school affairs.

Koff, who is 15, earned \$80 in project work last year. He is a member of the Carbondale judging team and president of his Future Farmer chapter.

Local chapters of the Future Farmers are placed in schools which teach vocational agriculture under the Smith-Hughes plan. Active membership is divided into four classes—green hand, future farmer, state farmer, and American farmer.

Arthur Goodwin a Teacher

Arthur E. Goodwin, '25, an instructor in the Pembroke school for boys, Kansas City, Mo., is to be on the faculty of Camp Sosawagaming, summer camp for boys in the country of Lake Superior, Big Bay, Mich., this summer.

OBERLIN TEAM WINS VOCATIONAL CONTEST

(Continued from page 1)

The Oberlin high school team won the grain judging contest with a score of 1,703. Lawrence was second; Marysville, third; Manhattan, fourth, and Hill City, fifth. Oberlin's team finished one, two, three in the individual grain judging competition, Alva Van Vleet taking first with a score of 590; Lester Chilsen, second, and Harley Chilsen, third. Lester Auld of Wakefield was fourth, and Royce Murphy, Norton, was fifth. Individual prize was the Klot and Kernel club medal, with a parchment award for the team prize.

Winfield high school, coached by Ira L. Plank, took the dairy husbandry judging contest with a team score of 1,080. Chase county community was second with 1,070, and Assaria rural third with 1,036. Frankfort was fourth and Wamego fifth. Carbondale, Oberlin, Saffordville, Tonganoxie, and Goodland took the next five places. James Burns of Chase county community won the individual dairy judging competition with a score of 376, nosing out Donald Curfman of Winfield, who had a 374. Raymond Dicken, Winfield was third; LeRoy Carlson of Assaria rural fourth, and Kenneth Ahlstrom, Seaman, fifth. Robert Kerr of Lincoln; Ronald Kolterman, Wamego; Robert Fillmore, Chase county; Russell Lind, Saffordville; Herbert Almquist, Assaria, and Fay Staley, Goodland, occupied fifth to tenth places, the last two tying for tenth.

ANNOUNCE SHOPS WINNERS

A shops contest was held in connection with the other competition, in which 16 teams entered. Decatur county community high won first in this group, with Oberlin second and Wakefield third. Individual winners in each class were as follows: Rafter framing, Gilbert Finley, Carbondale; blacksmithing, Andrew Castle, Oberlin; concrete work, Ira Barnhart, Oberlin; calibration of grain drill, Macksville team composed of Walter Tucker and Bryce Lamb.

Valve timing, Carbondale team composed of Gilbert Finley and Clinton Perry. In the mower repair contest 15 out of the 16 teams entered were tied for first place, at the end. President A. M. Johnson of the

Manhattan chamber of commerce welcomed the visiting students at the banquet. Response was by Lester B. Pollom, '13, of Topeka. M. F. Ahearn was toastmaster.

President F. D. Farrell, in a short address, called attention to the high quality of America's rural population, and of the opportunity which confronts the farm boy. He was followed by Dean L. E. Call, of the division of agriculture, and A. N. (Bo) McMillin, head coach of football.

The skit "Something Spooky," which won first prize in the Aggie Pop contest, was presented for the entertainment of the visitors by members of Phi Beta Sigma.

The committee in charge of the contest consisted of Prof. L. F. Payne, Prof. J. B. Fitch, Prof. R. I. Throckmorton, and Dr. C. W. McCampbell.

11,000 IN KANSAS 4-H CLUB WORK IN 1928

Increase in Enrolment Was Nearly
1,500 More Than Previous Year, Coe
Reports—Triple 1924 Figure

Nearly 11,000 boys and girls enrolled in the 4-H clubs of Kansas in 1928, according to figures recently summarized by M. H. Coe, state club leader, at Kansas State Agricultural college. This is nearly 1,500 more than last year and nearly three times the number in 4-H club work five years ago.

Sedgwick county leads the list of counties with 575 enrolments, and Lyon is second with 475. Fifteen different kinds of projects are listed, each one pertaining to some part of farm or home work. The largest enrolments were in the clothing, pig, baby beef, corn, and poultry projects.

"Seventy per cent of all club members in the state who started the work completed their projects," Mr. Coe reports. "This constitutes a most satisfactory percentage of completion."

Each club member is learning by doing and through demonstrations and suggestions furnished him by the agricultural extension service.

"In addition to the practical education which club work affords, the boys and girls receive pleasure and profit through their club meetings and club activities such as picnics, games, recreation, music, state round-up, fairs and exhibits, camps, and their social activities. Moreover, the financial profits and prizes which they secure from their work become their own."

DEATHS

HEPLER

Dr. A. H. Hepler, f. s., died on March 25 in Glenwood Springs, Col., from injuries received when he fell on the ice last February near his office in New Castle, Col. He is survived by his widow and six brothers and sisters, and several nieces and nephews, most of whom have attended K. S. A. C.

FARRAR

Edwin Oscar Farrar, f. s., died at his home in Abilene on February 15. His death came after a prolonged illness which began with pneumonia. He was engaged in nursery and landscape work at Abilene for 29 years. He is survived by his wife, two sons and one daughter. One son, Clayton L. Farrar, '26, is with the department of entomology, Massachusetts Agricultural college.

McKEEVER

Mrs. W. A. McKeever, Oklahoma City, died at her home on March 24, after several weeks illness. She was the wife of Prof. W. A. McKeever, in charge of the department of philosophy at K. S. A. C. from 1901 to 1913. Surviving relatives include three sons, Harold, '22, now assistant editor of the Highway magazine, Middletown, Ohio, and Wendell W. and Fergus S. Burial was made in Oklahoma City.

Seven colored prints depicting the progress of the airplane from 1903 to the present have been given to the department of architecture by President F. D. Farrell. The prints were made by Frank Lemon for an aeronautical firm.

BLEYER THINKS PRESS BETTER THAN IN PAST

WISCONSIN JOURNALISM HEAD AD-
DRESSES COLLEGE ASSEMBLY

'No Occasion for Pessimism,' He Says,
'Newspapers Today Contain Relatively Less Sensational Material Than Those of Past'

"There is no occasion to be pessimistic about our newspapers," said Dr. W. G. Bleyer, director of the school of journalism, speaking at student assembly last Thursday on the subject "Changing Newspapers in a Changing World."

"Anyone who has examined the files of papers in various phases of English and American journalism during the last 300 years, and who has compared the newspapers of the past with those of the present, will invariably come to the conclusion that our American papers today are better than those of the past."

"They contain more foreign and domestic news, more accurately presented, than ever before. They contain relatively less sensational news than did the first penny papers of the 1830's, or the yellow journals of the 1890's. News of crime and scandal is published in much less objectionable language than at certain periods in the past."

ANALYZE PROBLEMS

In his assembly talk, Doctor Bleyer analyzed the reasons for much that is criticized in the modern press.

"Mass production has meant a speeding up of the whole tempo of American life," he said. "Factors have been the automobile, radio, and now the telephoto, as new and rapid means of communication."

"You may regret the striking headlines, dramatic accounts of crime and scandal, trivial newspapers, superficial articles, comic strips, and commonplace advice."

"Remember that most newspapers come to us in the evening after the average reader has had a tiring day, and when he or she seeks relaxation or amusement, not instruction or information, unless the latter is in attractive form."

"The average American has his choice of going to the movies or tuning in on his radio, taking a spin in the automobile, or reading his newspaper, followed by a detective story, murder mystery, or the like."

MUST MEET COMPETITION

"From one point of view, the newspaper is a commercial enterprise and always will be, with the publisher competing not only with other papers but with other business men engaged in furnishing entertainment and amusement in various forms. He must meet this competition by trying to satisfy his readers, in the largest possible numbers."

Doctor Bleyer spoke at journalism lecture Thursday on "What the Profession of Journalism Most Needs."

"Newspaper men and women and magazine editors need to get below the surface, to get away from superficial journalism into journalism that is giving us the 'low down' and even the 'lower down' he said. "It's the fundamental causes we must get at, in order to solve our problems." His final address was Friday afternoon, before students in sociology classes, on the topic, "The Newspaper as a Social Institution."

Both Doctor Bleyer and Prof. C. E. Rogers, head of the K. S. A. C. journalism department, spoke on April 10 at the Ambassador hotel, Kansas City, Mo., before the Kansas City alumni chapter of Theta Sigma Phi, honorary and professional fraternity for women.

GRADUATE COUNCIL PRINTS NEW INFORMATION BOOKLET

Bulletin Replaces Mimeographed Sheets
On Advanced Study

Special information on advanced study at the Kansas State Agricultural college is contained in a recent college bulletin devoted exclusively to graduate study at K. S. A. C. The bulletin replaces a mimeographed booklet entitled "Information on Graduate Study." The new book may be obtained from Dr. James E. Ackert, chairman of the graduate council.

Thou little thinkest what a little foolery governs the world.

—John Selden.

PROGRESS OF KANSAS PRESS

F. E. C.

The St. Marys Star recently installed a new job press with automatic feeder. Printing large runs now will be a snap for the Star.

In births, death, and wedding items in the Miami Republican the surnames of the persons concerned are set boldface on the first line of the item. The boldface names serves as headlines but do not take the space that headlines require.

Kansas editors who want to put out trade extension editions should get tips from the Goodland News-Republican which has published a series of them. The last, published April 10, was a 22 page number boosting for more business in Goodland.

Paul Wiley of the Neodesha Register conducted a Who's Who in Neodesha contest, publishing short sketches of unidentified business persons or firms from which readers were to see if they could guess the persons described. Prizes for the best answers completed the stunt.

R. L. Youngman, until recently business manager of the Manhattan Chronicle, has gone to the editorial staff of Tavern Talk, a hotel publication. He is St. Louis branch manager for the magazine which is published in Kansas City. H. H. Hewins succeeds Youngman on the Chronicle.

Among the towns conducting better yard and garden contests this spring is Belleville where much of the leadership of the campaign falls to the Telescope. The newspaper handles the publicity for the contest, cooperates with other business firms in offering prizes, and announces the winners at the close of the contest.

The Newton Journal, Mack Cretcher editor, is authority for the statement that municipal ownership of aviation fields is growing. The Newton commercial club conducted a study of airports in Kansas cities. Of 50 cities replying, 33 had flying fields, with a tendency toward municipal ownership rather than private ownership.

It took 34 pages of the Ellis County News to handle all of the news and advertising at Hays last week. According to the News, it was the largest regular issue of the paper ever published. No special effort was made to feature advertising in the paper but a tractor show and general good business at the stores combined to make the big issue necessary. An oil strike 13 miles northeast of Hays, the Kansas state federation of women's clubs meeting, and several good features helped fill up the news columns of that particular issue.

Few know the country newspaper's problems as the country editor knows them, yet many an editor becomes blind to some of his opportunities by constant close association with them. A book that will give most editors some new ideas for their papers and job shops is Charles L. Allen's "Country Journalism," recently published by Thomas Nelson and Sons, New York City. Price of the book is \$3.75. Another writer describes the book pertinently:

The only country newspaperman who will get nothing out of Mr. Allen's book is the fellow who knows it all already—and he, of course, is hopeless. Others will find it packed full of suggestions. Certainly few will agree with every position which the author takes. I find myself sometimes mildly doubtful, and sometimes (though rarely) in full disagreement. But I have no hesitation in saying that this is the best book on weekly newspaper work yet published.

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Volume 55

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Number 27

COLLEGE MILL NOW COMPLETELY MODERN

OPERATORS CELEBRATED EVENT LAST SATURDAY

K. S. A. C. Plant Equal to or Better Than Any Other—Flour Makers Would Put Science in Their Industry

More than a hundred operative millers of Kansas and Missouri came to the college last Saturday to attend the joint meeting of the Association of Operative Millers of districts No. 1 and No. 2. One hundred fifty visitors registered during the day, although many of this number were from Manhattan and the college.

Henry Vilm, chairman of district No. 2, presided at the opening session and introduced Dr. F. D. Farrell, president of the college. The meeting Saturday was to celebrate the completion of the modernization of the K. S. A. C. mill, the president told the operative millers.

MILLERS SUPPORT RESEARCH

"It has been the intelligent and determined support that the college has had from the progressive element in the milling industry that has enabled it to develop here, where it belongs, a piece of equipment for the conduct of research and education in the milling industry," Doctor Farrell continued.

The mill is equal to, and perhaps superior to, any of its kind anywhere. Already with the assistance of the pioneering work which the college has done, the milling industry is gradually placing itself upon a sound foundation of scientific truth. The completion of the remodeling of the mill at K. S. A. C. marks an important step in the progress of the milling industry toward a scientific foundation.

If it survives, the milling industry must come to a scientific rather than a traditional basis upon which it has for a long time existed, the president maintained. High points in the history of scientific research and milling at the Kansas station were touched briefly. The first step in the chronological review of milling work was the passage by congress of the Hatch act, establishing agricultural experiment stations. Kansas was quick to follow this with extensive testing of wheat varieties, although these tests in the beginning were concerned primarily with yield and only incidentally, if at all, with milling value.

WILLARD STARTED WORK

In 1905, Dr. J. T. Willard, then head of the department of chemistry, did some work in milling and making tests. The following year, Dr. C. O. Swanson, now head of the department of milling industry, was made assistant chemist. It was then Doctor Swanson designed and built an aspirator purifier and an experimental scouter. The first Kansas station bulletin dealing with milling was published by Doctor Willard and Doctor Swanson in 1911 and since then a large number of additional publications have been issued, and in addition many scientific articles have been written for milling publications.

"Development of the K. S. A. C. mill was seriously handicapped for the decade 1913-1923 by the fact that the department was required to enforce the state feeding stuffs and livestock remedies law," President Farrell said.

In 1913 Doctor Swanson was made head of the department following the resignation of L. A. Fitz, and the department was relieved by the legislature of all responsibility for police work. It was then that the real expansion program in milling research began. A conference of millers and college men to work out plans for remodeling and modernizing the mill to make it suitable for conducting research work in milling technology was called and a plan for the expenditure of \$15,245 was

developed. In 1925 the attempt to secure legislative appropriation to modernize the mill failed.

MANUFACTURERS CONTRIBUTED

Manufacturers of milling equipment then contributed equipment totalling in value approximately \$9,000. Through the assistance of representatives of the milling industry the college secured from the legislature an appropriation of \$12,000 for the completion of the mill. It was that completion that was celebrated by the meeting of operative millers last Saturday.

A number of papers, together with much discussion of each, made up the one day program. Willis N. Kelly, superintendent of the William Kelly Milling company, Hutchinson, discussed the need of research for the operative miller.

NEED MORE RESEARCH

"Milling must be put on an equality with other industries which employ extensive research," Mr. Kelly argued, "if it is to keep step with these other industries. Operative millers do not have time, money, men or equipment to do necessary research but the college experimental mill exists for that purpose and the millers should use it."

Other formal papers delivered were "Corrugations and Differential" by R. O. Pence, instructor in milling at the college, and R. E. McCormick, senior in flour mill engineering; "A Program of Research for Operative Millers," Doctor Swanson; "The Use of the Experimental Method," Prof. S. C. Salmon, agronomy department; "Milling Programs from the Manager's Standpoint," by Carl E. Warkentin, chairman of the Board of Millers National federation; "What We Know and Need to Know About Flour," Rowland J. Clark, director of research, Schultz Baking company; "A Wheat Research Program for the Southwest," Dean L. E. Call, director of the Kansas agricultural experiment station.

CARL MILLER NEW MANAGER, LOS ANGELES STOCK MARKET

Former Aggie Student Heads Pacific Coast Exchange

Carl P. Miller, f. s. in journalism, recently was appointed secretary-manager of the Los Angeles stock exchange, according to word received by his parents, Mr. and Mrs. A. Q. Miller, of Salina. Carl Miller formerly was manager of the Belleville Telescope, and went to Los Angeles four years ago to become assistant financial editor of the Los Angeles Times. Later he became manager of the New York news bureau when that corporation opened its Pacific coast office, and for the past six months has been assistant to the secretary-manager.

Mr. Miller has been assistant to the secretary-manager for the past six months, and was chosen for his new position when the present manager resigned to go with a New York brokerage firm. The managership carries with it a salary of \$10,000 a year.

KANSAS AGGIE TENNIS TEAM HAS 13 MATCHES SCHEDULED

Jayhawk Quartet Guests of Wildcat Netmen Today

Thirteen matches, including one today against Kansas university, remain on the schedule for Coach Ralph Piper's Kansas Aggie tennis team. So far the Aggies have dropped matches to Drake and Kansas university, and split with Oklahoma City university.

The schedule:

April 24—K. U. at Manhattan
April 25—Washburn at Manhattan
April 26—Nebraska at Manhattan
May 3—Oklahoma at Manhattan
May 4—Washburn at Topeka
May 6—Baker at Baldwin
May 9—Iowa State at Ames
May 10—Drake at Des Moines
May 11—Missouri at Columbia
May 15—Friends at Manhattan
May 23—Bethany at Manhattan
May 25—Bethany at Lindsborg

KANSAS SCIENTISTS GUESTS OF COLLEGE

STATE ACADEMY OPENS THREE DAY SESSION THURSDAY

Major Shekerjian and Dr. H. M. Evans Featured—Special Meetings for Chemistry and Physics, Psy- chology, and Entomology

Members of the Kansas Academy of Science will be guests of the college the last three days of this week, the program for the visitors starting at 8:15 p. m. Thursday with a lecture in C26 on "Chemical Warfare" by Major Haig Shekerjian, of Fort Leavenworth. The lecture is under joint auspices of the academy and the Kansas State chapter of the American Chemical society. At 9:20 p. m. Thursday the executive council of the academy is to meet.

The other featured speaker of the academy sessions is Dr. Herbert M. Evans of the department of anatomy, University of California. Doctor Evans is to lecture in C26 at 3:30 p. m. Friday on "The Function of the Anterior Hypophysis." Doctor Evans also will give a short lecture at the noon luncheon of the academy Friday on "The Relation of Nutrition to Reproduction." His lectures are under joint auspices of the academy, the Science club, Gamma Sigma Delta, the division of veterinary medicine, Alpha Zeta, and Omicron Nu.

TO INSPECT HUGHES'S WORK

While on the campus Doctor Evans will inspect the work and operation of the animal nutrition experiments being conducted by Dr. J. S. Hughes. Those who heard the recent lecture by Doctor Hisaw will remember his references to the work of Doctor Evans on the pituitaries.

The fifth annual meeting of the Kansas Entomological society will be held in connection with that of the academy.

The banquet of the academy will be at 6:15 p. m. Friday in the college cafeteria.

Special meetings have been scheduled for chemistry and physics papers Friday morning, psychology papers Saturday morning, and entomology papers Saturday afternoon. The chemistry and physics and psychology meetings will run concurrently with general sessions.

"A great factor in promoting interest in the work of the academy has been the resumption of publication of transactions," says Dr. G. E. Johnson of K. S. A. C., secretary. "A volume covering meetings of the last seven years recently was mailed out, and it is planned to issue an annual volume hereafter."

The condensed program follows:

THURSDAY, APRIL 25

Denison hall, room C26:

8:15 p. m.—Lecture on "Chemical Warfare," Major Haig Shekerjian, Fort Leavenworth. (Under joint auspices of the Academy and the Kansas State chapter of the American Chemical society at Manhattan.)
9:20 p. m.—Meeting of the executive council of the academy.

FRIDAY, APRIL 26

Denison hall, room C26:

8:30 a. m.—Announcements and business.
8:45 a. m.—General papers.
12:15 p. m.—Luncheon at college cafeteria. Short address on "The Relation of Nutrition to Reproduction," Dr. Herbert M. Evans, University of California.
1:45 p. m.—General papers.
3:30 p. m.—Lecture on "The Function of the Anterior Hypophysis," Dr. Herbert M. Evans, University of California. (Under joint auspices of the Academy, Science club, Gamma Sigma Delta, Veterinary division, Alpha Zeta, and Omicron Nu, at the Kansas State Agricultural college.)
6:15 p. m.—Banquet at college cafeteria. Plates \$1. Send reservations to Miss Martha Pittman, college.

8:00 p. m.—Presidential address: "Certain Aspects of Research," L. D. Wooster.
Motion pictures—Observations of the Nine-banded Armadillo, H. H. Nininger; and Cinematographs of Living Developing Rabbit Eggs, P. W. Gregory.

SATURDAY, APRIL 27

General session, Denison hall, C26:

8:15 a. m.—General papers.
10:00 a. m.—Business and election of officers.
12:00 m.—Adjournment of general

session. Meeting of new executive council.

Entomology meeting, Kansas Entomological society:

9:00 a. m.—Business. Fairchild hall, room 53.
10:00 a. m.—Academy business meeting. Denison hall, C26.
1:30 p. m.—Papers. Fairchild hall, room 53.

Psychology meeting:

8:00 a. m.—Papers and business. Education hall, room 54.
10:00 a. m.—Academy business meeting. Denison hall, C26.

Officers of the Kansas Academy of Science are: L. D. Wooster, Hays, president; W. B. Wilson, Ottawa, first vice-president; Hazel E. Branch, Wichita, second vice-president; L. D. Havenhill, Lawrence, treasurer; and G. E. Johnson, Manhattan, secretary.

Additional members of the executive council are Mary T. Harman, E. O. Deere, A. E. White, and F. C. Gates.

ANTIQUATED EDUCATION SCORED BY CRAWFORD

Schools Have Failed to Keep Pace With Rapid Changes, Says Former Journal- ism Department Head

"Educators should emphasize the value of the open, critical mind, which enables us to see and weigh both sides of every question," said Nelson Antrim Crawford, former head of the college department of industrial journalism, in an address at the weekly journalism lecture period last Thursday. Mr. Crawford's subject was "Education: What of it?"

"Our educational methods are founded on conditions which obtained several years ago, in some cases even centuries ago. Most of the present day high school curricula are based on the supposition that the student plans to go to college, when as a matter of fact most of them don't go to college."

"Most college courses lead eventually to 'white collar' jobs. Science is changing our civilization so that there are fewer such jobs all the time, and we should recognize that fact. There should be advanced schools for those whose talents don't lie along the lines of the usual college course."

Mr. Crawford, who is now editor of the Household magazine of the Capper group, made the charge that students are "taught facts, many of which are useless."

"We hear much of 'necking' in college," he said. "It is certainly a natural, normal human impulse. The same impulse causes people to want to paint pictures, build bridges, and grow flowers. We should train in the sublimation and redirection of these natural energies."

The speaker hurled a verbal bolt at the popular theory that college training is a valuable adjunct to those seeking material success.

Referring to the publication of numerous sets of statistics showing a very high percentage of successful men to be college graduates, as compared with the very low percentage of college people among the population as a whole, Mr. Crawford told of a recent test which had been made with groups of college and non college people of approximately equal background and mental capacities. "Results indicated college training was not an aid to material success, but if anything a slight hindrance," he said.

SUMMERS VICE-GOVERNOR OF KANSAS PI KAPPA DELTA

Forensic Fraternity Elects Regional Officers at Wichita Meeting

Prof. H. B. Summers of the public speaking department was elected lieutenant governor of the Kansas province of Pi Kappa Delta, forensic fraternity, at the regional conference held in Wichita recently.

Other officers elected were: Governor, Martin J. Holcomb, Bethany college; secretary and treasurer, J. B. Starks, K. S. T. C. of Hays; assistant secretary and treasurer, Carl Taylor, Southwestern college.

UNDEFEATED TIGERS NEXT WILDCAT FOE

WISCONSIN SERIES BALKED BY OVERSUPPLY OF RAIN

Home Fans Getting Anxious to See Coursauntmen in Action—Barre Prob- able Pitcher in First Game Against Missouri

The undefeated Missouri university Tigers will be the opponents Friday and Saturday of the Kansas Aggie baseball team, which was prevented by rain from playing two scheduled games with Wisconsin university last week end.

Missouri is leading the Big Six by virtue of 4 to 3 and 1 to 0 victories over Nebraska. Oklahoma, with a victory and a tie with Nebraska, is in second place, the Aggies and K. U. are tied because of splitting their series, and Ames has yet to play a conference game. Nebraska has played four games, losing three and tying one.

Henry J. Barre, massive right hander from Tampa, probably will be the choice of Coach C. W. Corsaut in the first game against Missouri. This will leave A. H. Freeman, Glenn Gilbert, and T. E. Doyle as second day possibilities.

Loss of the chance to try their skill against Wisconsin was greatly regretted by the Coursauntmen. The Badgers trimmed Missouri twice, but lost to St. Marys by a run. Wisconsin is coached by Guy Lowman, former Aggie mentor.

Three Aggie regulars who have been on the injury list should be in shape by Friday. They are R. H. (Bob) McCollum, left fielder, Mickey Evans, shortstop, and Bill Meissinger, catcher. McCollum hurt his shoulder and Evans one leg when the two ran together in the second game at Lawrence. Meissinger has a bad hand.

Manhattan fans are getting rather anxious to see the long delayed "first home game of the season." That auspicious event was to have been against St. Marys April 9, but rain prevented, and weeping skies again stepped in the way of the Badger games.

DEBATE TEAM MET 31 FOES DURING SEASON OF 1928-29

Squad Won Six Out of Nine Decision Contests

College debaters participated in 31 debates during the past season, winning six out of nine decision contests, debating with most of the Kansas schools that are members of Pi Kappa Delta. Debates also were scheduled with Missouri, Oklahoma, Mississippi, Washington, and with various Nebraska schools.

The national Pi Kappa Delta question, that a substitute should be found for trial by jury, was used in most of the second semester debates. Other questions discussed during the year were the state income tax, the parliament question, the cruiser bill, and sophomore pledging.

Freshmen and varsity squads were used practically all year, with several practice debates for both being scheduled.

Members elected to Pi Kappa Delta, national forensic fraternity, during the school year included Blanche Myers, Americus; Margaret Plummer, Newton; Blanche Hemmer, Medicine Lodge; John Correll, Manhattan; Ross Challans, Halstead; James Bonfield, Elmo; Virgil Siebert, Pretty Prairie, and Eugene Mangelsdorf, Atchison. Gertrude Brookens, Westmoreland, was elected to membership on the basis of her work in oratory.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 12 Aggies 8, K. U. 6, at Lawrence
Apr. 13 Aggies 6, K. U. 7, at Lawrence
Apr. 26 and 27, Missouri at Manhattan
May 3 and 4—Nebraska at Lincoln
May 10 and 11—Iowa State at Manhattan
May 15 and 16—Oklahoma at Manhattan
May 17 and 18—Nebraska at Manhattan
May 28 and 29—K. U. at Manhattan

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WANGER, R. I. THACKREY, Assoc. Editors
KENNEY FORD, Alumni Editor
J. D. WALTERS, Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, APRIL 24, 1929

ON THE SUNDAY NIGHT TRAIN

When after the mad dash to the station and a none too courteous scramble for a seat in the day coach of the last train out we find our breathless selves suddenly inactive, we realize that the gay week end in the city is over.

The train and mere lapse of time, that current of absolute power, is sweeping us back to Monday morning, and work.

There are students again—part of the life we ran away from way back yesterday morning. We forgive them their presence when it appears that they, too, are jolting, a bit hysterically, against the end of a frivolous spree.

"Now don't tell what I told you last night, Imogene," shrilly admonishes the middle girl of three in a seat to the end friend in a similar group across the aisle.

"Say, that was a keen show, I'm tellin' ya," he of the fraternity pin and jelly hat is boasting several seats ahead. "Cheap at half the price."

"Gee, George do you really like my new coat?"

"No kidding, I sure do."

They cling tenaciously to the tag ends of the week end that is slipping through their fingers. And already the back-at-home, week-day judgment is creeping up to doubt the wisdom of vacation indulgences.

Removing our coat, we mentally loiter over our own exploits and purchases.

But by St. Marys, or at least Wamego, we are forced to face squarely the old routine we left suspended precariously such a long short time before. We are upon it again, or it upon us, overwhelmingly.

Suddenly all of our values turn topsy turvy and flop. How empty, stale, flat, and unseemly is the old rut that we are jogging back into. How could it ever seem significant and worth consuming energy about?

For one disillusioned moment we catch a detached perspective of ourselves—a truer than usual appraisal of ourselves and our efforts in relation to the myriads of men who comprise the work-a-day world.

This upheaval of values is disconcerting, but momentarily so convincing that we vow to keep that perspective in the future weeks. At the same time we know we won't. And we know that it is just as well that we won't.

But somewhere on the train between play and work, between routine and escape, we're all cynics, skeptics, and park bench loafers.

OCCUPATIONS FOR LEISURE TIME

Why should there not be a "professor of leisure" to help people to utilize their spare time both pleasantly and profitably? It would be none the less leisure if thus employed?

Make no mistake. This question of the proper employment of leisure—that is to say, of the hours not spent in the daily task of earning a living, or eating or sleeping, is a very real problem. The eight hour day is established beyond any possibility of change—unless in the direction of a further reduction of hours.

How little many know of the ways

in which leisure may be employed—interestingly, usefully, even joyously. Bridge, vacuous gossip, or a movie, are the only means of recreation which most of the middle class—even though they bear the stamp of college graduates—possess. Few have learned that in the mind itself, without external aids, are endless, inexhaustible means of self employment. It would be the duty of the professor of leisure to open this storehouse to those to whom at present its doors are barred.

Writing a poem or an essay; sketching a beautiful scene, or embroidering some rich fabric; contemplating a glorious manifestation of nature in her highest moods, or working out metaphysically some problem of human existence, are all occupations for leisure moments, but none implies the vacant mind or any lack of intellectual endeavor.

—W. J. A. in the Christian Science Monitor.

WHAT HAPPENS BEFORE SIX

One often hears the question, "But why all this fuss over the very young child?" To answer it, consider some statistics about this age. One-third of all the deaths in this country occur before the age of 6 years. There are 10 times as many deaths in the half decade before the school age as in the whole decade after a child enters school. There is a greater susceptibility to infection—a child can acquire a disease much more easily at an early age, and the effects of disease may be more serious than in the case of an older child. Because of a small child's very rapid physical growth of arms, legs, etc., he is awkward; also, his tremendous amount of energy and curiosity lead him into activity which may be dangerous if not guided wisely. So much for the importance from the point of view of physical health.

The brain attains its mature bulk before 6 years. The learning acquired by a child within the first six years of his life is probably greater than all his school education will ever give him. Three-fourths of the speech difficulties are apparent before the sixth year; most mental deficiencies and many cases of deafness in the child show up in this period. So that it is an important age from the point of view of good mental hygiene. —Catharine Wright Menninger in the Bulletin of the Kansas Mental Hygiene society.

PAINLESS LEARNING

Out in Missouri not long ago a class of country school children voted in lieu of regular lessons to spend a term in discovering and if possible removing the causes of recurrent typhoid fever on a neighboring farm. They were, in other words, to have no reading or writing or arithmetic or geography at all except as these formal subjects came incidentally into the course of the adventure.

So they set to work with their teacher to find out what the possible causes of typhoid are. They made a minute survey of the farm. They got the farmer to move a manure heap that was dangerously near the house. They bought fly traps and swatters and helped the farmer clean up the place generally.

Since then there has been no more typhoid on that farm. Oddly enough, too, the children who solved the problem learned more reading, writing, and arithmetic than did other children of the same age, grade, and mentality who had had routine lessons in two nearby rural schools. They graded higher on standard tests, and they had in addition admittedly gained a mature and inquiring viewpoint lacking in the other children. Moreover, in the opinion of several observers, they had energized the life of the whole countryside. —Eunice Fuller Barnard in the New York Times.

DISCORD OUTGROWS VALUES FOR FREEDOM

"The final test of the teaching of home economics is freedom," said Carolina Hunt, a noted leader in home economics.

Life must be viewed with discerning eyes, if values are to be rightly judged, and essentials sifted from non-essentials. Courage is demanded to discard non-essentials which others still cherish, and kindness

must be fostered that the act of discard shall not be hurtful to others.

To be free from the bondage of the outgrown values of other generations, to be free from the slavery of self and to secure channels through which one's life may flow to create self expression, constitutes in part the ideals this division holds for its students. —Margaret M. Justin in the Home Economics News.

graduation Mr. Phipps had a varied business experience which included service as a regent.

Miss Stoner and the advanced class in home economics gave a formal reception to the student body.

Henry E. Alvord, formerly president of the Association of American Agricultural colleges, accepted the position of chief of the dairy division

Lesson From Two Counties

The Weekly Kansas City Star

Farm communities are largely dependent for their advancement upon the attitude of their leading citizens toward farming as a business. Some make use of all the information and facilities available for their development. Others neglect such opportunities. The agricultural colleges, farm organizations, county agents, vocational schools, agricultural extension workers, and agricultural newspapers are the mediums through which improved practices can be promoted.

Two counties can be used to illustrate the influence of these agencies on their development. One has a county agent, a home demonstration agent, two vocational high schools, co-operative fertilizer and feeding tests in progress, has furnished executive officers for several state associations and has agricultural papers going to practically every home. All of these require the expenditure of money either through increased taxation or directly by individuals.

There is every evidence of recovery from the agricultural depression. Houses are painted, new farm buildings are being constructed, lime has been distributed by the trainload, boys and girls have made enviable records in club work. The chief items marketed are livestock, dairy, and poultry products. Legumes have largely replaced timothy. Varieties of corn have been bred which are peculiarly adaptable to local conditions. Foreclosures on land are infrequent.

A sectional meeting of one of the leading state organizations brought out an attendance of 250 men at which local citizens were prominent on the program and in the discussions.

The second community has no county or home demonstration agent, no vocational school, no co-operative work in progress to determine better methods of management of soils and livestock, no leaders high in state organizations. One of the chief sources of revenue is the export of timothy hay. Due to a lack of livestock, corn is selling at 6 cents a bushel less than in the more progressive community. Buildings are in need of repair, farm foreclosures are of regular occurrence. At the sectional meeting of the state organization only a handful of men were present. The entire program was provided by men from other counties. The meeting itself was presided over by a local merchant rather than one actually engaged in agricultural production.

In one instance a system of farming which was based upon soil building has resulted in a prosperous agricultural community. In the other a system of soil management which is certain to result in smaller yields from year to year is the rule.

The savings made by failure to provide for trained leadership and for the education of boys and girls along agricultural lines where agriculture is the sole source of income are hardly sufficient to make up for the deficiencies in income due to a system of farming which is proving unprofitable to those now engaged in it and bringing about a condition in the soil itself which will make it even more difficult to farm in the future.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

H. J. Plumb, '13, accepted a position with the Montana Farmer at Great Falls.

Miss Ada Rice accompanied the girls' debate team to Southwestern college at Winfield.

Mrs. May (Umberger) Long, '07, of Costa Rica, was visiting her brother, Harry Umberger, '05.

Alma G. Halbower, '14, was discharged from army service in the United States general hospital, and returned to Waltham, Mass.

TWENTY YEARS AGO

Fred Walters, '02, and Anna Bowler were married at the home of the bride's parents in Manhattan.

The medal offered by Professor Hamilton to the winner of the three cross country runs was won by P. McNall, a senior. The record had previously been held by Milligan.

THIRTY YEARS AGO

W. H. Phipps, '95, was chosen secretary of the college. Following

in the bureau of animal industry at Washington, D. C.

FORTY YEARS AGO

J. M. Bovard, junior in 1886-87, was engaged in teaching in Lane county as well as in caring for an orchard of 50 young trees.

Officers of the Scientific club were I. D. Graham, president; A. A. Mills, vice-president; Hattie Gale, treasurer, and S. C. Mason, corresponding secretary.

E. M. Hutto, student in 1883-84, was a visitor. He was engaged in Sunday school work through the state, but planned to take up teaching again.

FIFTY YEARS AGO

The semi-annual meeting of the Kaw Valley Musical association was held in Manhattan.

Professor and Mrs. Platt went to Wabunsee to attend the silver wedding of the Reverend Mr. Jones.

The first publication of the Topeka Daily Capital was issued with 1,200 paying subscribers. The editors were Messrs. Hudson and Ewing of the Kansas Farmer.

THEY ARE THE FIELDS THAT WAVE

Helen Hemphill

They are the fields that wave, that coin the moneys of the west, That build the homes, the church, the schools And power of steel sky-scrapers— They're won by honest toil, and blest By dawn-to-twilight industry, By working-workers bowed and worn, Forgetting, in monotony, there can be something else— "Work till the coffer overflows," their plea, "Toil: let the loiterer know the bitterness of wasted hours In slow digression from the pressing on Of work!"

SUNFLOWERS

H. W. D.

THE ONLY WAY

Off in the chilly night When spring house-cleaning's on, I wildly grab for blankets thick, The which, alas, are gone.

If you're sleeping in a Pullman, or in a hotel, you can raise a howl about it and occasionally get results; but at home your protest is a total loss.

In your own little home it's spring, tra-la-la, and not half as cold as your shivering would seem to indicate. Besides, the blankets have been stowed away in the cedar chest under that pile of curtain rods way up in the attic closet, and it would mean cleaning the whole house again if one were to get them out.

Also besides, it will be warm again in three or four nights, maybe, and there would be all that work to do over again.

Don't be silly—you know what I'm talking about. You've lain there, hour after hour, your knees drawn up for your teeth to chatter on, your ghoulish hands clasped quivering over your two shins, your toes wigwagging the cold moon for warmer beams. Over your near-carcass has fluttered that sheet and that thinnish quilt. And in your soul has rumbled unprintable matter on the subject of premature house-cleaning. Don't dare deny it.

In itself spring house-cleaning is bad enough, and the inevitable accompaniments that one must look upon in garish daytime are worse; but this horror that creeps upon you in the cold black of night is beyond the Nth superlative.

Looks as if somebody ought to have hit upon a remedy, eh—some simple remedy—long ere now? All the authorities say no. So far it hasn't been done. The best proposals of the best minds have fallen flat.

It won't do to leave the blankets on for a while, because it's spring; and what would people think if they came in and found the beds all tricked out in their fulsome January attire? Aren't the violets up and the lilacs in bud, and wasn't it so warm along about noon that the windows had to be raised for five or ten minutes?

It won't do to fold a spare blanket neatly and lay it across the foot of the bed, because the new curtains are orchid and the blanket is Navajo. And whoever heard of putting personal comfort before a color scheme, anyway? Men have so little appreciation of the finer things. If they're warm and comfortable during the long, silent reaches of the night, they fall asleep like swine and never give a thought to aesthetics.

It won't even do, so they say, to secrete the Navajo in the bedroom closet for two or three weeks until we are sure that the colorful crocuses and the long, skinny husbands are beyond the range of the latest killing frost. For has not the bedroom closet just been cleaned out, and have we not vowed to keep it straight for a while at least?

No, it won't do, nothin' won't do—nothing except to curl up in a quivering knot and try to remember how warm you were last December when the thermometer hit twenty below.

Knowledge is of two kinds: we know a subject ourselves, or we know where we can find information upon it. —Samuel Johnson.

CLASS OF '92 KEEPS IN TOUCH DURING PERIOD OF 37 YEARS

ALL LIVING MEMBERS TELL OF UPS AND DOWNS OF LIFE SINCE GRADUATION, IN BOOKLET EDITED BY FRED C. SEARS, AMHERST, MASS.

(Concluded from last week)

Elias W. Reed, Holton, "After getting my sheepskin in June I went back home to the farm and raised hogs and corn and cattle for seven years. In the autumn of 1900, I entered the medical department of the University of Michigan. In June, 1904, they gave me a Latin document saying I was entitled to cure all the ills flesh is heir to. I came back to Kansas and located in Holton. There were nine other M. D's. already located there and I got the cases they didn't want.

"Along about the end of 1905, Marietta Smith of the class of '95 said she would take a chance on me, and we got married. Soon after that I was appointed county doctor and that brought in a little income. In about a year our first baby arrived and they kept arriving every little while till we had four girls. In 1912 the city changed from the old council form of government to the commission form. Some of my friends talked me into being a candidate for mayor. We had a red hot campaign and I was elected by a big majority—not because they liked me so well, but because they wanted to beat the other fellow. One of the commissioners was a retired farmer, one a tombstone maker and the opposition paper referred to the mayor as an ex-farmer and a practicing physician. None of us had ever held a public office before except I had been county doctor for four years.

"Immediately after getting started in the city job, our wells that supplied the town with water all went dry and about the same time the generators at the light plant burned out. We had to go before the people and ask for a bond issue to build a new light plant and find a new water supply. It required \$85,000 but we got it and built a modern light plant and got plenty of excellent water. Pretty soon after that we had about three feet of snow one spring and the streets were so bad the merchants had to deliver groceries by wheelbarrow or little carts on the side walks. Everyone wanted paving but each one wanted his own kind. It ended with a lot of injunctions against the commissioners but we got the paving that the commissioners thought best. I served two terms and then retired to private life. Just at present, I am county health officer and president of the school board.

"Of my four girls, one is a freshman in high school and one a junior in high school, one a junior in college at Manhattan and one, graduated at Manhattan last June, is taking post graduate work on a scholarship at Merrill-Palmer in Detroit. I meet Ivan Parker once in a while at the state medical society and see John Hartley and Lizzie Edwards at Manhattan occasionally. I haven't accumulated much of this world's goods but I guess I have had a pretty good time."

A. D. Rice, Dwight, "Thirty-six years since we graduated from K. S. A. C. Is that possible? I welcome this class letter as a splendid opportunity to hear from my class mates. For many years we have been separated by the requirements of our varied occupations. I have not seen more than half a dozen of the class since graduation.

"For myself, except for a few years teaching in high school and college, I have been an average, typical Methodist minister. Ill health took me to Colorado and western Kansas, where on old time pioneer circuits, with outdoor life, breaking broncos, and preaching to cattle men and sheep men I succeeded in building up a fairly good physique. Since then I have had good charges in Kansas and Oklahoma. At present I am pastor of the Methodist church in Dwight, a beautiful country town a few miles south of Manhattan."

May Secrest, Agricultural hall, Berkeley, Cal., "Briefly my 35 years have been spent thus: primary teach-

ing at Randolph, assistant in household arts at K. S. A. C., a year at Columbia to brush up, organized the home economics department at the state normal school at Stevens Point, Wis., two years in household arts department, Ohio State university; 10 years head of the household arts department, California Polytechnic school. Then after another year at Columbia to brush out the cobwebs a venture into the newest phase of home economics, agricultural extension. This with its direct contact with farm people is the most satisfying work I have done. Three years were spent in this at the University of Minnesota, and since 1920 the same work has occupied me in California. The Berkeley fire came along in 1923 and consumed my possessions. It was an exciting experience.

"There have been good times along with the work. Being unattached—not an ideal way to go through life—has given the opportunity to roam about the world. The year 1910-11 found me taking a trip around the world. There have been many trips back and forth across the continent, one vacation was spent in Alaska, one in the New Mexico Indian country and during the summer just past, four months sabbatical leave took me to Europe again with most of the time spent in Spain, Portugal, Sweden and Norway. A thrilling new experience of the summer was an airplane flight over the Austrian Alps from Venice to Vienna."

Katherine Oldham Sisson, 1890 Pasadena avenue, Long Beach, Cal., "For six years we spent the winters in Toronto, Canada, as my husband was then teaching anatomy in the Ontario Veterinary college. The summers we passed in Kansas and on Mount Desert island. Those two locations offer the extremes in climate in North America, I believe. The next two years we were at the Kansas State Agricultural college and in the autumn of 1901 we found ourselves in Columbus, as Septimus had been called to the Ohio State university as professor of comparative anatomy. It was there that he wrote and published his textbook on the Anatomy of Domestic Animals. It is primarily for veterinary students.

"With very few exceptions we went away in the summer, making in all four trips to Europe and in 1905-06 we spent 15 months over there, as he was taking some work in the University of Berlin in the winter. In 1913 we came out to the coast for the first time and we came every summer but two after that. We were here the entire year of 1919-20 and it was our plan to live here when he retired from the university. After five years of gradually failing health, he fell seriously ill in January, 1924. We came to California in May and he passed away in July at Berkeley.

"I have lived in the home of my sister Nancy and her husband ever since, but expect eventually to build and live in Palos Verdes Estates, only about 15 miles from here and on the coast. It is there I hope to see you all and please accept this as an invitation to come."

Ava Hamill Tillotson, Latham, "I live in the Flint hills of Kansas—sometimes called the Kansas Ozarks—where hundreds of cattle are brought in each year for the grazing season. Many of them come in on the lift and by the fourth of July are rolling fat. Can any of your sections beat that? We do not have to put on rodeos here. I am managing a drug store. How would one of you like to be brought in here for first aid after an accident? Every few days we have such a scene here."

Ora R. Wells Traxler, 1 south Washington, Emporia, "Greetings to one and all! Time flings back his curtain 36 years, and I see you as you were then. I see the class of '92 on the eighth day of June, I see

the girls in their soft cream, lace trimmed dresses. I see the boys in their distinctive black suits. Back of that perfect day, one of the high spots of memory is the classroom in the old Armory hall. It is one of those cold, biting wintry mornings, that Kansas knows so well how to produce. Class is assembled. The radiators are hissing noisily in a futile attempt to make the room comfortable. The door opens, and Elizabeth Edwards comes in, smiling and radiant, her cheeks red as apples from her hurried walk in the cold wind. Everybody, even the professor, beams a welcome, and the room takes on a more cheerful appearance.

"My lot has been just an ordinary home maker, I have two fine children. Pardon me. Being their mother, naturally I am very proud of them. I have faith that they will make up to the world all things wherein I have fallen short. My son, Arthur, is now in Chicago working in a bank and taking work on his Ph. D. degree at the University of Chicago. My daughter, Ora May, 12 years old, and namesake of our May Secrest, is my chum and a great comfort and blessing to me. She is a freshman in high school here this year."

Dan F. Wickman, 1030 Oakland, Topeka, "This Rip Van Winkle edition of our class letter will doubtless be of the greatest pleasure to each one of us, recalling as it will the mixed feeling of gladness and sorrow which was ours as we parted more than 36 years ago. As the years were passing we have all, perhaps, wondered how life was treating the others. Some, of course, who have achieved prominence, we all know of and congratulate, but there are the others, of whom we have no knowledge, or I at least and this class letter from them will more than be appreciated. We all set out wishing for all things that we might enjoy life, but if, instead of receiving all, we have life to enjoy all things, we also are greatly favored.

"After a period of years of clerical work for the Santa Fe railway, potato growing, nursery work, and real estate, I am, and have been for a few years, doing a bit of farming a few miles out of Topeka, leaning toward the production of fruit. At present, we—I was overtaken in 1919—are living at 1030 Oakland avenue, Topeka, where the latch string is always out and mail delivered twice daily."

Alice Vail Waugh, Amherst, Mass., "When our last class letter was printed we were leaving Oklahoma and were about to move to Burlington, Vt., where Frank was to teach horticulture in the university. We stayed there seven years. It is a beautiful little city, and we like it in most ways. My own accomplishment during this period was largely concerned with acquiring and caring for three more children, whose names were Dorothy, Frederick, and Esther. One of our great treats in those days was to hire a horse and carriage, take all the children and drive over the hills and on the shores of beautiful Lake Champlain. It was our first real introduction to New England scenery.

"In 1902 my husband came to Amherst, Mass., as head of the department of horticulture. We moved into a rambling old house on the campus, where we still live 26 years later. Our two youngest boys were born in Amherst—Albert and Sidney. So now you might count up—we have four boys and two girls. My own history does not make an exciting narrative. As the census says, the housekeeper and home maker has no occupation, having never taken a job outside the home as teacher, stenographer or clerk, never punched a time clock, nor received a weekly pay check. But I have had a good time helping to bring up these six children and trying vainly to keep up intellectually with a husband who sets me a very rapid pace.

"Dan is at the head of an international bank in Tokyo. Dorothy worked several years as a landscape architect and is taking additional training in the Art institute in Chicago. Frederick works for the U. S. D. A. in Boston and is director of the New England research council. He is married and has a little girl. Esther, K. S. A. C. '22, is married

and lives in South Sudbury. She has two small girls and a baby boy. Albert enjoys teaching economics in the Connecticut Agricultural college. Sidney has been in Paris for two years where he is making good progress as a student of sculpture. Three of the six are married and we have four grandchildren."

George W. Wildin, Westinghouse Air Brake company, Pittsburgh, Pa., "On leaving college I took up railroad work as a business and continued in that line of endeavor for the first 26 years of my career, passing through the various grades from mechanical draftsman to general manager. During my railroad connection I served eight different properties located in various parts of the United States and Mexico. In April, 1918, I came to Pittsburgh as general manager of the Westinghouse Air Brake company in charge of engineering and production. Some two years ago I took up sales work as assistant vice-president and in addition, was made vice-president of the Westinghouse Friction Draft Gear company in charge of sales, both of which positions I now hold. This in essence is the scope I have covered thus far in the business world. Personally, I have always enjoyed good health and am trying to grow old gracefully by indulging in such athletics as golfing and bowling. With all my efforts I must confess to 205 pounds without trimmings. It is with great pleasure and interest that I am looking forward to our fortieth anniversary in 1932, and hoping we will all live to meet again at that spot on the hill so dear to all of us."

IN MEMORIAM

The alumni office has furnished us with the following information as to those of our class who have passed on to the Better Land.

| | |
|----------------------------|------|
| Grace M. Clark..... | 1904 |
| Effie Gistrap Graziop..... | |
| J. N. Harner..... | 1897 |
| Warner S. Pope..... | 1899 |
| Robert S. Reed..... | 1926 |
| Byrdie E. Secrest..... | 1919 |
| Ruth Stokes Sears..... | 1924 |
| Robert L. Wallace..... | 1895 |
| Charles E. Yeoman..... | 1902 |

EXHIBIT HANDMADE LINENS, WOVEN BY MOUNTAIN WOMEN

Unusual Calvin Hall Display Sent From Berea, Ky.

Linens that were made by hand by the mountain women near Berea, Ky., were displayed last week in Calvin hall. The exhibit was sent by Mrs. F. E. Matheny of Berea, and consists of table runners, dollies, towels, and bags woven of cotton and linen. There were also some counterpanes and quilts of wool in the collection.

The patterns are old fashioned, and are quaintly named. Table runners in the morning-glory pattern were woven in yellow, another pattern was called rose in the wilderness and was of lavender, and a silver creek log cabin pattern was in green. There was a Queen Elizabeth breakfast set, and a Mary Campbell bag woven of blue and madder colored wool.

Shawls and scarfs of wool with Roman stripes or plain colored were very attractive. Some yard goods were displayed, and if anyone liked the patterns, but wanted other colors, an order could be placed for the desired color.

The articles were for sale as well as exhibit, and about \$50 worth of the linens were sold. The collection was here a week, from April 9 to 16.

Albert M. Watson, '28, has recently been transferred from Windsor to Fort Morgan, Col., where he says he is enjoying his work as field man for the Great Western Sugar company.

CLASS REUNIONS

| | |
|-----|-----|
| '79 | '04 |
| '84 | '09 |
| '89 | '14 |
| '94 | '24 |
| '99 | '29 |

Baccalaureate, May 26.
Alumni Day, May 28.
Commencement, May 29.

RECENT HAPPENINGS ON THE HILL

Dr. Marion Davis, Manhattan, will become city veterinary inspector effective May 1.

The eleventh annual grain judging contest sponsored by Klod and Kernel will be April 27.

Plans are being made for the May fete, sponsored by the department of physical education for women.

The annual play contest conducted by the college literary societies will be Saturday, April 27, in the college auditorium.

A dance "for women only" is planned by the college Women's Athletic association for Friday, April 26, at recreation center.

Prof. L. H. Limper, of the college faculty, recently was reelected to the presidency of the Kansas Modern Language association.

Work of students in the department of architecture is on display in the library galleries this week, and will be up for two weeks more.

Thursday will be inspection day for the college R. O. T. C. unit. Major Raymond Baird, of Fort Leavenworth, will be the inspecting officer.

Prof. C. H. Scholer, head of the department of applied mechanics, recently was appointed president of the Kansas section of the American Society of Civil Engineers.

Phi Mu Alpha, honorary national musical fraternity for men, and Mu Phi Epsilon, honorary national musical fraternity for women, gave a joint program in Westmoreland last week, at the annual spring music festival there.

Officers of the agricultural economics club recently were elected, as follows: Andrew Grimes, Greenwood, Mo., president; Walter Powers, Netawaka, vice-president; H. R. Bradley, Kidder, Mo., treasurer; F. H. Schultis, Sylvan Grove, secretary; Ed Habiger, Bushton, marshal.

Officers for the coming year recently were elected as follows by the K. S. A. C. Purple Peppers: President, Mildred Purcell, Manhattan; vice-president, Pauline Samuel, Manhattan; secretary and treasurer, Helen Van Pelt, Beloit; cheer leader, Margaret Canham, Kansas City, Mo.; faculty adviser, Miss Katherine Geyer.

SCABARD AND BLADE PLEDGES THROUGH 'INFERNAL' TORTURES

Fifteen Neophytes Will Be Initiated Next Sunday

Fifteen pledges to Scabbard and Blade, honorary military fraternity, are going through "hell week" and will be initiated early next Sunday after an all night camp.

Those to be initiated are: A. H. Freeman, Manhattan; H. C. Boley, Topeka; M. J. Kindig, Olathe; L. E. Hammond, Wichita; R. T. Greep, Longford; R. O. Greep, Longford; George Jelinek, Ellsworth; H. G. Mangelsdorf, Atchison; J. M. Pincomb, Overland Park; J. C. Marshall, Manhattan; M. L. Cowen, Junction City; T. J. Muxlow, Manhattan; Marion Evans, Gove; Milton Allison, Great Bend; H. R. Abernathy, Manhattan.

F. E. Hayes at Paxton, Ill.

F. E. Hays, '17, is a construction engineer with the supervising architect of the United States Treasury department. At present he is engaged in the construction of a post-office in Paxton, Ill., but his permanent address is Frankfort.

Mr. Hayes holds the rank of lieutenant in the civil engineering corps, U. S. N. R., having enlisted in the navy during the World war and attaining the rank of lieutenant.

He was married August 15, 1923, to Martha W. Walker at Marysville and has two daughters, Lucy Annette, aged 4, and Sarah Elizabeth, aged 3.

REPORT OF EXPERIMENTS COVERS 115 MAJOR PROJECTS

FARMERS, LIVESTOCK MEN, AND FRUIT AND TRUCK GROWERS CAN
FIND INTERESTING SPRING READING MATERIAL IN
NEW STATION BULLETINS

Farmers, livestock men, and fruit and truck growers who crave "spring" reading material may find some that is both interesting and informative in a half dozen bulletins, circulars, and reports of the Kansas agricultural experiment station that recently have come from the state printing plant.

Headlining the list is the comprehensive biennial report of Dean L. E. Call, director of the station, which describes in brief every major activity of the station between July 1, 1926, and June 30, 1928. The introduction reports that during the biennium the work of the experiment station, including the four branch stations, comprised 115 active major projects which had been definitely organized and planned.

These projects included studies in five distinct fields of rural endeavor—studies in the economics of agriculture, studies in soil conservation, investigations in the plant industries, investigations in the animal industries, and studies in home economics. A number of miscellaneous agricultural problems also were investigated.

The reports tell briefly of each of these investigational projects, gives pointedly the results of research work, and reproduces a statement of receipts and expenditures of the biennium.

Study of the report of Dean Call will serve to whet the appetite of the average husbandman and make him want to know more about the several projects, several of which are reviewed in the new bulletins and circulars.

THE COMBINE PROBLEM

One of these is based upon a study of that new development in the state's agriculture—the combine harvester—and analyzes the effect of the combined harvester-thresher on farm organization in southwestern Kansas and northwestern Oklahoma.

The circular is the work of Dr. W. E. Grimes, head of the college department of agricultural economics; R. S. Kifer, assistant agricultural economist, bureau of agricultural economics, United States department of agriculture; and J. A. Hodges, assistant professor of agricultural economics, K. S. A. C. (resigned).

The circular discusses and answers the questions: Under existing conditions how large should a farm be to give the most desirable acreage of each crop and the most desirable number of each kind of livestock, and how can this size of farm be secured? And there are other questions arising as a result of the combine—social problems which involve the school, the church, and good roads.

Plans for both large and small farm units are suggested by the discussion in answer to these questions.

POTATO DISEASE CONTROL

A new technical bulletin (No. 24) of the Kansas station deals with results of potato experiments for the control of Rhizoctonia, scab, and blackleg. Both the corrosive sublimate and hot formaldehyde methods of seed treatment are recommended for Kansas potato growers, the recommendations of the experimenter, R. P. White, formerly assistant plant pathologist of the station, say.

It is felt that for the small grower the expense of equipment for the hot formaldehyde method is more than the extra time saved is worth, he concludes. However, growers are quick to eliminate expensive and complicated apparatus, and to devise simple means for reaching the desired end. For example, an ordinary hog scalding tank with a tin bottom will handle two sacks of potatoes at a time very easily. Such tanks are in use in Kansas, the heat being supplied by a wood fire built directly beneath the tank. Such apparatus is within the reach of any farmer,

and very satisfactory results in maintaining the desired temperature have been obtained. Where gas is available a small tank similar to the above, accommodating two to six sacks, can be heated satisfactorily by a regulated gas burner. Watering tanks holding large quantities of solution are satisfactorily heated only by steam.

The recommended treatment for the hot formaldehyde method is as follows: The solution is made up of 2 pints of 40 per cent formaldehyde to 30 gallons of water. The temperature should be maintained between 124° and 126° F. The length of dip should be between 3 and 4 minutes, depending upon the temperature of the solution at the time of dipping.

The cold corrosive sublimate treatment should be carried out as follows: The strength of the solution should be 4 ounces of corrosive sublimate to 30 gallons of water. The potatoes should be immersed in this solution for 1½ hours. Shorter periods have not in general given satisfaction or good control of Rhizoctonia.

Study of the bulletin will give the reader a more thorough understanding of the results obtained by Mr. White.

SPRAYING PROBLEMS

Growers have long since been convinced that spraying is essential if fruit trees are to be kept in a productive condition and sound fruit produced, another new circular—Spraying Fruit Plants—by Prof. W. F. Pickett and Prof. W. R. Martin, jr., (resigned) says.

Spraying is unavoidable in the production of good fruit, the college fruit men have learned, and since a successful spray program is dependent upon such items as the life histories of several injurious insects, the operation of a spray pump, weather conditions, variations in susceptibility of fruit varieties to many of the pests, the selection of

the proper spray materials, the management of the spray crew, and similar conditions, it is recognized that spraying is one of the most perplexing problems confronting the orchardist.

Experience shows also that spraying is a preventive measure—not a curative one—and that the sprays must be applied before injury rather than after. It is the purpose of this circular (No. 145) to solve many of these common problems of the fruit grower.

WHEAT SELLING COSTS

Country elevator margins and costs in marketing Kansas wheat is the name of the new Kansas station bulletin, No. 246, by R. M. Green of the college agricultural economics staff and E. B. Ballou of the bureau of agricultural economics, United States department of agriculture.

Among pertinent points noted in the summary of the work are the following:

From 60 to 85 per cent of the elevators reporting attempted to buy wheat on a margin of from 4 to 6 cents a bushel.

The limited evidence presented in this study is mostly against the idea that any great saving could be effected through a wider use of hedging in the futures market against country purchases except perhaps in years of almost continuously declining prices such as followed 1920.

In much of Kansas volume of grain production varies to a greater extent than total cost of elevator operation. Average volume of grain handled per elevator varied from the three-year average from 13.2 per cent below to 18 per cent above. Average costs per elevator have varied from their three-year average from 8.4 per cent below to 12.3 per cent above.

This makes risk arising from possible fluctuations in size of the wheat crop the most important primary cause affecting cost per bushel of handling wheat at local elevators.

Local competition and variation in protein content of wheat are factors of growing importance in affecting size of buying margins in Kansas.

To cover all legitimate costs an average buying margin of 7 or 8 cents a bushel is necessary under present operating conditions in Kansas.

Local consolidations and a more extensive use of well-located line elevator systems seem to offer the greatest possibilities in the way of keeping local margins low without jeopardizing the finances of the local grain business.

ON FINISHING CALVES

Results of cattle feeding investigations at the experiment station never fail to be interesting and valuable. Those reported in the late circular deal with the winter fattening of calves purchased in the fall, and the winter development and summer

fattening of calves and yearlings purchased in the fall. B. M. Anderson, Dr. C. W. McCampbell, and H. W. Martin (resigned) are the authors.

The circular must be read for its full value, though briefly the conclusions of the experiments are that:

Wintering well, grazing without other feed for the first half of the grazing season, and then full feeding is a satisfactory way to handle steers, calves, or steer yearlings, if they are good well bred cattle. A heavy feed of grain will be necessary during the full feeding period to produce enough finish to make the most profit.

AERONAUTIC SOCIETY FORMED AT COLLEGE

Active Membership Limited to Students and Faculty Members, Associate Open to All Kansans

Promotion of the science and art of aeronautics is the object of the Kansas state aeronautical association, formed last week by K. S. A. C. students, with 59 charter members. Most of those attending the organization meeting were students in the division of engineering, though membership is to be open to all who can and will advance the object of the association.

Construction of a glider will be started soon, according to Prof. C. E. Pearce of the department of mechanical engineering, who was elected head of the new association. L. T. Richards, Parsons, was chosen vice-president; G. E. Drollinger, Wichita, secretary; C. F. Sardou, Topeka, treasurer.

Committee chairmen are as follows: membership, Dan McGregor, Columbus; finance, A. O. Flinner, Manhattan; design, Prof. E. R. Dawley; flight, K. D. Hall, Wichita; promotion, J. C. Marshall, Manhattan.

Remodeling of the college wind tunnel so that it may be used by classes in aerodynamics for tests in cooperation with airplane companies of the state is a tentative project, according to Professor Pearce.

The society also plans to work toward adoption of work in aerodynamics as a regular part of the K. S. A. C. curriculum acceptable as a major option in mechanical engineering, student members said.

Active membership in the society consists of senior and junior grades, senior grade to be open to all upper classmen, graduate students, or members of the college faculty, and junior grade to be open to underclass students.

Associate memberships, senior grade, are open to all Kansans over 18, and junior grade to all Kansans under 18. Honorary memberships are open to all persons intimately connected with aviation as a profession.

Members of the association are as follows:

L. T. Richards, Parsons; C. A. Culham, Junction City; G. E. Drollinger, Wichita; Charles Sardou, Topeka; R. E. James, Wetmore; K. E. Rector, Scott City; E. R. Dailey, Garden City; K. D. Hall, Wichita; Carl Hansen, Strong City; R. F. Gore, Kansas City; V. M. Butts, Norton; Jack Sanders, Independence; B. L. Magill, Holsington; L. W. Rice, Parsons; Carl Martinez, Manhattan.

Donald Rehberg, Niles; F. E. Schenon, Manhattan; O. A. Noel, Hartford; D. E. West, Hartford; L. A. Stapp, Norton; C. O. Little, Manhattan; K. P. Niederlander, Manhattan; J. A. Nielsen, Spearville; Merl L. Burgin, Coats; H. L. Kipper, Manhattan; George E. Wise, Wichita; C. R. Molineux, Goff; Howard W. Ward, Abilene; E. A. Hinz, Abilene; W. Dale Vawter, Liberty; Elmer Douglas, Caldwell; William E. Steps, Manhattan.

Charles F. Monteith, Hoxie; Laurence M. Bell, Selden; Harold Boles, Madison; Prof. E. R. Dawley; Harold Lundry, Arlington; John Davis, Osage City; Bruce Smith, Holsington; H. J. Besler, Manhattan; John H. Moehlman, Manhattan.

Harley L. Lowe, Powhattan; Alvin H. Morgan, Lebo; J. H. Kershaw, Garrison; J. E. Elliott, Hartford; M. G. Ott, Madison; W. L. McFillen, Athol; Loren N. Allison, Falls City, Neb.; H. L. Winston, Stilwell; E. L. Wells, Meriden; R. K. Blair, Fort Riley; V. A. Burfield, Lyons; Dan McGregor, Columbus; K. D. Cornell, Kansas City; Lawrence Lewis, Hays; J. C. Marshall, Manhattan; Arthur Flinner, Manhattan; Prof. C. E. Pearce.

Brown, Wyandotte Agent

Duke Brown, '22, was recently elected county farm agent of Wyandotte county with headquarters in Kansas City. He takes the position left vacant by the resignation of R. L. Von Trebra, '26, who will be district manager of the dry land experiment station at Garden City.

MUSIC FESTIVAL WEEK STARTS NEXT SUNDAY

COLLEGE BAND CONCERT FIRST
EVENT OF SPRING PROGRAM

Two Performances of "The Bohemian Girl," an Opera, Included in Week's
Schedule—Play Set for
Friday Night

A highlight of the college year, the annual spring music festival week, will start next Sunday afternoon with a concert by the college band, under direction of Myron E. Russell.

On Monday night Allen McQuhae, Irish tenor, will appear in recital. Tuesday's program will be furnished by the college orchestra, under direction of Lyle E. Downey. A matinee duo piano recital has been arranged for Wednesday.

Roles in "The Bohemian Girl," an opera to be presented both Thursday and Saturday nights, will be taken by members of the faculty of the department of music, with the glee clubs furnishing the choruses.

Among those taking leading parts in the production are Miss Velma Talmadge, soprano; Miss Hilda Grossmann, contralto; Mr. William Lindquist, baritone; Mr. Horatio Farrar, baritone; Mr. P. P. Brainard, tenor, and Mr. Edwin Sayre, tenor.

Included in the well known choruses in the opera are "The Heart Bowen Down," and "I Dreamt That I Dwelt in Marble Halls."

"The Green Goddess" will be presented on Friday night by the Manhattan theater.

WILDCAT TRACK TEAM LOSES TO OKLAHOMA

J. E. Smith Breaks Javelin Record in
Meet With Sooners—Miller Places
In Three Events

Oklahoma university's track team defeated the Kansas Aggies in the first outdoor dual meet of the season for both teams, held April 14 at Norman. The score was 98 to 33. From an Aggie standpoint the outstanding performances were those of J. E. Smith, Woodward, Okla., who broke the college javelin throw record held by Kirk Ward, Elmdale, and H. S. Miller, who won first in the two mile, second in the mile, and third in the half mile.

The summary:

100 yard dash, 220 yard dash, pole vault, and broad jump were all swept by Oklahoma.

440 yard dash—Won by Flint, Oklahoma; Winburn, Aggies, second; Bell, Oklahoma, third. Time 49.3 seconds. (Winburn's time broke the college record, but does not count as it was not official).

880 yard run—Won by Dudley and Davidson, Oklahoma; Miller, Aggies, third. Time 2:02.6.

1 mile run—Won by Will, Aggies; Miller, Aggies, second; Davidson, Oklahoma, third. Time 4:45.

Two mile run—Won by Miller, Aggies; Sherman, Oklahoma, second; Phillips, Oklahoma, third. Time 10:31.8.

120 yard high hurdles—Won by Carman, Oklahoma; Churchill, Oklahoma, second; Yeager, Aggies, third. Time 15.3 seconds.

220 yard low hurdles—Won by Carman, Oklahoma; Powless, Oklahoma, second; Yeager, Aggies, third. Time 24.5 seconds.

Shot put—Won by Howell, Oklahoma; Lyons, Aggies, second; Rider, Oklahoma, third. Distance 47 feet 9 inches.

Discus—Won by Howell, Oklahoma; Churchill, Oklahoma, second; Lyons, Aggies, third. Distance 133 feet 4½ inches.

Javelin—Won by Smith, Aggies; Livingston, Aggies, second; Drake, Oklahoma, third. Distance 184 feet 6 inches.

High jump—Won by Shelby, Oklahoma; Walker, Aggies, and Choate, Oklahoma, tied for second. Height 6 feet 3¾ inches.

1 mile relay—Won by Oklahoma. Time 3:31.3.

MIKE'S UNDEFEATED GOLFERS FACE ELEVEN MORE MATCHES

Washburn Links Team Coming for
Meet Thursday

With two victories over St. Marys recorded, Coach M. F. Ahearn's Aggie golf team has 11 more matches ahead for the present season, with the possibility that more will be scheduled.

The schedule:

April 25—Washburn at Manhattan
April 27—Kansas City (Kan.) Junior College at Manhattan
April 29—Baker at Manhattan
May 1—Wichita U. at Manhattan
May 3—Wichita U. at Wichita (tentative)
May 4—Washburn at Topeka
May 6—Baker at Baldwin
May 13—Missouri at Manhattan
May 14—K. C. Junior College at Kansas City
May 18—Missouri at Manhattan

PROGRESS OF KANSAS PRESS

F. E. C.

The Kinsley Mercury often runs cuts of promising boys of the community under the caption "Business Men of Tomorrow."

The Western Kansas World, Wakeeney, published by Fred Shaw, recently celebrated its fiftieth anniversary number—five sections of 40 pages, full of historical features, local news, and lots of advertising.

Editor Willard Mayberry of the Elkhart Tri-State News has purchased a new model 14 linotype and has moved his entire newspaper plant into a building which he recently purchased. Mayberry took over the News only last June but has made many steps toward improvement of his plant.

A front page box in the Oberlin Herald gives a resume of the weather for the preceding week. The dates, maximum and minimum temperatures, precipitation, and other information is given briefly. Editor Coldren probably feels this is a desirable way of informing far off "single wrap" readers about the weather in the old home town.

A new name—that of Hershel Kannier—appears at the masthead of the Scandia Journal in place of the familiar Plotner and Son. Kannier, former superintendent of schools at Scandia, purchased the property from the Plotners. His first issue looked as if a mighty good newspaperman had joined the ranks. However, the new Journal editor will have to go some to maintain the reputation established by the Plotners.

H. M. and J. P. Sydney of the An-

thony Republican and Bulletin believe in using 10 point type in the leads of the most important stories on the front page. Doing that means just another "little detail" among a thousand others that the weekly editor has to bother with, though the Republican editors don't seem to mind the extra trouble. Not every newspaperman would think it worthwhile. After all, effective use of one's ideas and ideals is what makes the reputation of a paper.

Just the size of the Larned Tiller and Toiler makes the reader think that Leslie Wallace and his staff do a lot of toiling but last week's issue containing news letters from a dozen and a half country correspondents, to say nothing of letters from high schools and entire pages devoted to small towns of the county, convinces one that the Larned paper does get news coverage. News coverage and advertising support go hand in hand as there are plenty of other Kansas papers to prove.

Another big special edition of a Kansas paper was the April 11 number of the Advocate-Democrat at Marysville. The issue contained 28 pages, two sections of which were devoted to the new Union Pacific station at Marysville. A picture of the new station, another of the first depot built in 1871, and halftones of the Union Pacific officials, together with lots of other railroad copy and pictures, made an interesting lot of reading matter. In one section were published all the names of Union Pacific employees whose homes are in Marysville. A lot of Advocate-Democrat subscribers will very likely lay away the April 11, 1929, number for a keepsake.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, May 1, 1929

Number 28

WILSON CHOSEN HEAD OF SCIENCE ACADEMY

KANSAS GROUP ELECTS OTTAWA MAN TO PRESIDENCY

Effect of Anterior Hypophysis On Growth and Reproduction Discussed
By Dr. Herbert M. Evans, of California University

A successful session of the Kansas Academy of Science was completed Saturday, with the election of new officers. W. B. Wilson of Ottawa university was elected president; Dr. Hazel Branch, Wichita university, first vice-president; Dr. William Goldsmith, Southwestern college, second vice-president; Dr. Ray Brewster, Kansas university, treasurer.

Dr. George E. Johnson, of the zoology department faculty, was re-elected secretary of the academy and complimented on his work during the past year.

Next year the academy will meet at the Kansas State Teachers' college, Hays.

Though an attendance record was not kept, it was estimated that about 75 scientists from outside Manhattan attended the meetings.

Other members of the executive council, in addition to the officers, are Dean L. D. Havenhill, Kansas university; Willard Hershey, McPherson college; Dr. R. L. Parker, K. S. A. C., and E. R. Wood, Kansas State Teachers' college of Emporia. L. D. Wooster of Hays, retiring president, was elected to the executive council but could not serve because he plans to be absent from the state for some time.

AUTHORIZE "TRANSACTIONS"

Publication of another volume of "Transactions" of the academy was authorized at the closing session.

"The power of gases in wartime is exaggerated a thousandfold," said Major Haig Sherkerjian of the chemical warfare service, in the opening address of the academy program, Thursday night. Major Sherkerjian spoke under joint auspices of the academy and the K. S. A. C. section of the American Chemical society.

"Work of the chemical service lessens, rather than increases, the casualties of war," Major Sherkerjian said. "It provides protection from enemy gases, and makes it possible through the development of tear gas, to capture an enemy position without the loss of life or permanent injury on either side."

"Permanent smoke screens have been developed which decrease the effectiveness of enemy fire to only four per cent, from 55 per cent under ordinary conditions."

Peace activities of the chemical warfare service include work against the boll weevil and other insects, development of gas masks for civil industries and for firemen, development of tear gas for use against criminals, and development of gases as disinfectants.

Interesting material relative to growth and reproduction was given by Dr. Herbert M. Evans, of the University of California, who spoke Friday afternoon on "The Function of the Anterior Hypophysis."

REMOVAL CAUSES DWARFISM

Removal of the anterior hypophysis causes dwarfism in animals, and hyper-secretion causes giantism, according to Doctor Evans. Development of the suprarenal and thyroid centers is prohibited by removal, and failure of the thyroid to develop in turn prevents metamorphosis in amphibians. Metamorphosis in tadpoles was prevented by removal of the anterior hypophysis, which is the anterior region of the pituitary.

In the mammal oversecretion, which may be caused by a tumor, results in the disease known as acromegaly, in which the victim develops long arms and legs, large joints, a protruding lower jaw, and widely spaced teeth. Frequently the mind also is affected.

A decided effect on reproduction, through the ovaries in the female

and the testes in the male, was described. Hyper-secretion accelerates sexual maturity in the female, in the case of mice, causing maturity before the weaning age. The effect of hyper-secretion is not so marked in the male, but it appears to inhibit development, if anything, rather than accelerate it. Males so treated tend to refrain from mating.

If the region is removed, in young mammals, the individual produced is about one half the normal size, and does not reproduce.

Doctor Evans talked at noon Friday on "The Relation of Nutrition to Reproduction."

McCAMPBELL HEADS INVESTIGATORS GROUP

Midwest Animal Husbandry Investigators Association Organized at Hays Last Week

The conference of animal husbandry investigators, held in connection with the Fort Hays Cattlemen's roundup at Hays last week, resulted in organization of the Midwest Animal Husbandry Investigators association, the purpose of which is to secure greater coordination of effort in studying problems common to this section.

Dr. C. W. McCampbell of the college was elected chairman of the association, and J. L. Lantow, a graduate of K. S. A. C. and animal husbandman of New Mexico, was made secretary.

Since livestock producers of this section are interested in several classes of livestock and since the problems of each class are more or less different, it was decided to confine the studies of this class to the problems of stock cattle management. It developed that two groups of problems are involved in studying stock cattle management, those of the owner, and those of the investigator.

Problems relating to stock cattle management in this section urgently needing a well coordinated plan of study include winter feeding, pasture management, tonicity of certain protein supplemental feeds, poisonous plants, certain infectious diseases, certain nutritional diseases, and factors influencing the calf crop.

Problems of animal husbandry investigators include a lack of properly trained assistants, inadequate equipment, insufficient funds for detail work, and handicaps in keeping in touch with work of other stations.

HUNGERFORD NEW PRESIDENT OF ENTOMOLOGICAL SOCIETY

Dr. R. L. Parker, K. S. A. C., Is Secretary and Treasurer

At the fifth annual meeting of the Kansas Entomological society, held in connection with the sixty-first annual meeting of the Kansas Academy of Science at K. S. A. C. April 25 to 27, the following officers were elected: President, Dr. H. B. Hungerford, head of the entomology department at the Kansas university; vice-president, J. R. Horton, entomologist at the United States entomological laboratory, Wichita; secretary and treasurer, Dr. R. L. Parker, associate professor of entomology at K. S. A. C. Doctor Parker was also elected a member of the executive council of the academy, representing the entomological society.

"To Be Respected, Be Useful"

"America seems to be committed to the principle that to be respected one must be useful," said President F. D. Farrell before student assembly last week. "It follows that each of us must perform some kind of systematic work in the industries, in the professions, or in the arts, if we are to be happy and respected." Doctor Farrell's subject was "Fragments of a Working Philosophy."

SCHOLASTIC HONORARY NAMES 46 AS PLEDGES

Phi Kappa Phi List Includes 35 Undergraduates

Five Graduate Students and Six Faculty Members Also to be Initiated—Seniors Chosen From High 10 Per Cent

In recognition of outstanding scholarship Phi Kappa Phi, national honorary scholastic fraternity, last week announced election of 35 undergraduates, five graduate students, and six faculty members to the K. S. A. C. chapter.

Election to Phi Kappa Phi is on the basis of scholarship. In the case of undergraduates elections are from the high 10 per cent of the senior class, in the various curricula.

New members are as follows:

Undergraduates, division of agriculture—Samuel G. Kelly, Manhattan; James L. Blackledge, Sheridan, Wyo.; Henry C. Abell, Riley; Norman Curtis, Toronto; Ralph O. Lewis, Parsons.

Division of engineering—Glenn F. Fry, Waldo; Arthur O. Flinner, Manhattan; Harold A. Senior, Independence; Homer T. Deal, Hoisington; Robert F. Childs, Hugoton; Paul S. Colby, Denver, Col.; David P. Hutchison, Council Bluffs, Iowa; Phillip J. Edwards, Athol; Martin K. Eby, Wellington.

Division of general science—Shirley C. Mollett, Manhattan; Donald Wade, Manhattan; Walter J. McMoran, Coldwater; Marjorie Prickett, Wamego; Charles H. Hughes, Manhattan; Vivian I. Kirkwood, Manhattan; Ben H. Hageman, White Cloud; Gladys E. Suiter, Macksville; Edward E. Wyman, Clifton; Robert W. Myers, Manhattan; Mildred Huddleston, Fulton, Ky.

Division of home economics—Mattie L. Morehead, Norton; Helen V. Brewer, Peabody; Marguerite L. Richards, Manhattan; Flora M. Deal, Great Bend; Lucile K. Rogers, Abilene; Ina W. Davidson, Manhattan; Mary A. Norman, Fowler; Thelma F. Mall, Manhattan.

Division of veterinary medicine—Karl W. Niemann, Manhattan; Lawrence O. Mott, Spencer, Neb.

Graduate students: John W. Jarrott, Hutchinson; Ralph A. Irwin, Manhattan; Lila M. Canavan, Lawrence; Henry N. Gilbert, Manhattan; Herkle L. Wampler, McPherson.

Faculty members: Dr. Margaret S. Chaney; Russell M. Kerchner; Dr. George E. Johnson; Dr. Vivian L. Strickland; Prof. Walter H. Burr; Thomas J. Anderson.

ROGER SMITH REORGANIZES HAITIAN SCHOOL LIBRARY

Work Earns Mention in Student Paper of Port au Prince

Dr. R. C. Smith, professor of entomology who now is on leave of absence from the college, recently mailed to THE INDUSTRIALIST a copy of "Le Bon Grain," student newspaper of the central school, Port au Prince, Haiti, where he is in the employ of the department of agriculture of the republic. The copy was of volume 1, No. 1, and contained the following reference to Doctor Smith:

Doctor Smith, entomologist at the head of the Service Technique and chairman of the committee in charge of the library, plans to recognize the library of "l'Ecole Centrale" upon the completion of the building. They will set aside a larger room and will install tables and chairs for the use of the students and professors.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 12 Aggies 8, K. U. 6, at Lawrence.
Apr. 13 Aggies 6, K. U. 7, at Lawrence.
Apr. 26 Aggies 3, Missouri 2.
Apr. 27 Aggies 11, Missouri 10.
May 3 and 4—Nebraska at Lincoln.
May 10 and 11—Iowa State at Manhattan.
May 15 and 16—Oklahoma at Manhattan.
May 17 and 18—Nebraska at Manhattan.
May 28 and 29—K. U. at Manhattan.

Ag Fair, May 11

Ag Fair, annual student enterprise in the division of agriculture, is scheduled this spring for May 11. The event will be similar to the fairs of previous years, although some new features will be introduced. A \$25 Ford race is planned. The minstrel, follies, educational exhibits, parade, and concessions on the pike are being arranged for by H. P. Blasdel, manager, and his corps of assistants.

AGGIES AND UNIVERSITY TIE FOR BIG SIX LEAD

Oklahoma Third in Conference Baseball Race—Wildcats Meet Nebraska at Lincoln Friday and Saturday

The Kansas Aggie and Kansas university baseball teams have a joint claim on the Big Six leadership at the end of three weeks of the schedule. Each team's lone defeat was inflicted by the other.

Missouri came to Manhattan in first place, and was tumbled out by the two Aggie victories, while the Jayhawks were twice defeating Ames.

This Friday and Saturday the Aggies play Nebraska at Lincoln. The Huskers lost to Missouri twice by a run, tied with Oklahoma once, and lost to Oklahoma once.

BIG SIX STANDINGS

| | W. | L. | T. | Pct. |
|---------------|----|----|----|------|
| Kansas Aggies | 3 | 1 | 0 | .750 |
| Kansas U. | 3 | 1 | 0 | .750 |
| Oklahoma U. | 2 | 1 | 1 | .667 |
| Missouri U. | 3 | 3 | 0 | .500 |
| Iowa State | 0 | 2 | 0 | .000 |
| Nebraska U. | 0 | 3 | 1 | .000 |

MIKE AHEARN VICTORIOUS IN DES MOINES GOLF MATCH

Wins Director-Coach Tournament at Drake Relays

M. F. (Mike) Ahearn, Aggie athletic director, convinced athletic directors and coaches assembled at the Drake relays last Saturday of his prowess as a golfer by winning the director-coach tournament. His prize was a combination desk fountain pen set and ash tray, ornamented with a swinging golfer.

The ash tray attachment is useless (not only because of the tradition against smoking on the campus, but because Mike doesn't smoke. The winning score was an 87, but it was explained that the visitors weren't used to the grass greens.

NEW STUDENT COUNCIL IN-YEAGER ELECTED PRESIDENT

Executive Body of S. G. A. Chooses Its Officers

James Yeager, Bazaar, was elected president of the student council for the year 1929-30 at the first meeting of the new council last week. The seven council members are chosen by the student body, and the council then elects its own officers. There were 25 nominees for council membership.

Carl Pfuetze, Manhattan, was chosen vice-president; Margaret McKinney, Great Bend, secretary; James Bonfield, Elmo, treasurer.

Other council members are Esther Rocky, Manhattan; Milton F. Allison, Great Bend, and C. E. Nutter, Falls City, Neb. Most of the executive and administrative work of the Student Governing association, including student discipline, is handled through the council.

TRACK TEAM HAS HOME MEET AGAINST KANSAS U. SATURDAY

Wildcats Have Edge On Field, Jayhawks On Track

The Kansas Aggie track team will have its first and only home meet of the season Saturday afternoon at 2 o'clock, against the University of Kansas.

The Wildcats should have the advantage in field events and the university on the track. The Aggies track team is unusually good in weight events and up to standard on the track, but the 1929 season has developed unusual competition.

CHICK AND EGG SHOW SETS ENTRY RECORD

MANAGEMENT PLANS ENLARGED PROGRAM NEXT YEAR

Commercial Egg Exhibits Extra Good, Judges Declare—Most of Awards Stay in Kansas—Chicks Come From Afar

With more than 2,800 baby chicks and almost 5,000 eggs entered, the annual baby chick and egg show last Thursday, Friday, and Saturday went down in K. S. A. C. history as the most successful yet held. The show was so successful that plans already have been made to enlarge upon it next year by offering a two day speaking program and short course as a special feature.

Officers of the show, which is sponsored by students of the college, were B. R. Taylor, Alma, superintendent; Carl Williams, Dodge City, entry manager; H. L. Fry, Hope, secretary; A. Lambertson, Fairview, treasurer; and H. D. Smiley, Manhattan, advertising manager.

The commercial egg class was especially good with 47 entries of three dozen white and three dozen brown shell eggs. This class has been especially weak in other years but the splendid exhibits this year are an outgrowth of buying eggs on a quality basis, according to the judges. The Seymour Packing company of Topeka had an outstanding commercial egg exhibit.

CHICKS COME 2,400 MILES

Besides entries from Kansas, baby chicks were shipped from Washington, Oregon, California, Michigan, Ohio, Iowa, and Oklahoma. Without an exception, according to Prof. H. M. Scott, faculty advisor of the show, these shipments arrived 100 per cent live chicks.

An entry of single comb White Leghorns and Barred Rocks from the Washington Cooperative hatcheries, Everett, Wash., were shipped 2,400 miles, the greatest distance of any entry. Cockell's hatchery of Milwaukee, Ore., and the Pioneer hatchery, Petaluma, Cal., shipped entries 2,200 and 1,900 miles respectively.

The high quality of chicks entered in the show indicates that hatchery men are improving their methods, Dr. D. C. Warren, head judge, declared. The high scoring entry of chicks was 25 White Wyandottes from the Midwest Poultry farm, Burlingame, which scored 97 out of 100. Two out of state entries, Buff Orpingtons from Holland, Mich., and White Minorcas from the Ramseyer hatcheries, Oskaloosa, Iowa, scored 96.

KANSAS EGGS IMPROVING

H. H. Steup, formerly of the college poultry staff but now with the Poultry Tribune, judged the commercial egg exhibits. The eggs exhibited this year are a good example of what is causing midwest eggs to bring the same price as Pacific coast eggs, Mr. Steup said. The average Kansas farm eggs are not up to the standards set by the exhibits. This situation means losses of thousands of dollars to Kansas farmers annually.

The fancy egg class also was good, according to V. O. Jones, Manhattan, judge.

(Summary on page 4)

BIG CROWD ATTENDED 17TH ANNUAL FARMERS' ROUNDUP

2,000 Visit Branch Station to Hear Experimental Results

Two thousand western Kansas farm people attended the annual cattlemen's roundup at the Ft. Hays Branch agricultural experiment station last Saturday, partaking of the free luncheon at noon, discussing farm problems, and hearing special discussions of cattle feeding and electric power in grinding and cutting feeds. A woman's program was a major part of the day's events.

Results of the cattle feeding investigations and the feed cutting and grinding experiments will be reported in an early issue of THE INDUSTRIALIST.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT... Editor-in-Chief
C. E. ROGERS... Managing Editor
F. E. CHARLES... LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD... Alumni Editor
J. D. WALTERS... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, MAY 1, 1929

THE NEWSPAPER'S PART

President Hoover, the guest of the Associated Press at its annual luncheon in New York the other day, spoke frankly and with keen penetration of the newspaper in its relation to what he considers the dominant issue before the American people, the enforcement of and the obedience to the laws of the United States.

The two concrete suggestions left by the president comprise a complete summary of the newspaper's duty toward this or any other public question in a democracy.

In the first place it is the duty of the press to recognize the existence of a grave public maladjustment. "I sometimes feel that it could give more emphasis to one phase or another of our national problems. I am wondering whether the time has not come to realize that we are confronted with a national necessity of the first degree, that we are not suffering from an ephemeral crime wave but from a subsidence of our foundations."

He set an example for the press by quoting some crime statistics: 9,000 human beings lawlessly killed every year in the United States, followed by little more than half as many arrests; fewer than one-sixth of these slayers convicted and but a scandalously small percentage punished; 20 times as many persons in proportion to population lawlessly killed in the United States as in Great Britain.

And having recognized the existence of this grave condition, and holding it a public duty to keep it before the minds of the readers of the newspaper, the press has another responsibility, the second of the president's suggestions.

In writing news of crime or other public questions the press is under obligation to consider the effects that may be produced by emphasis in writing and display. "If, instead of the glamor of romance and heroism which our American imaginative minds too frequently throw around those who break the law, we would invest with a little romance and heroism those thousands of our officers who are endeavoring to enforce the laws it would itself decrease crime. . . I need not repeat that absolute freedom of the press to discuss public questions is a foundation stone of American liberty. I put the question, however, to every individual conscience, whether flippancy is a useful or even legitimate device in such discussions. I do not believe it is. Its effect is as misleading and as distorting of public conscience as deliberate misrepresentation. Not clarification, but confusion, of issues arises from it."

Shall the newspaper suppress, play down, or play up crime news? The Christian Science Monitor, admittedly one of the best edited and most influential papers in the world, suppressing it, holds that news of crime is indirectly the cause of additional crime by suggesting criminal acts to readers and sometimes even giving in detail lessons in their execution.

Still other newspapers defend the practice of displaying crime news prominently and in great detail with the psychological theory that by

reading it the ordinary man who has potential criminal tendencies will be prevented from offending in practice by offending in fancy, gaining from the lurid stories of crime a vicarious and therefore harmless satisfaction. This theory, however, implies criminal "instincts" in human nature, a questionable, or at least debatable, assumption.

But other newspapers as well edited and as influential as the New York Times, to mention only one of many, take an intermediate view and display crime news moderately, holding that publication of the punishment of crime has a deterrent effect upon those who might break the law.

Intelligent, public spirited, well informed men and women both within and without the profession there are who defend each of these theories and practices. Which should the newspaper worker follow? Perhaps it is impossible at present for anybody to answer with assurance.

The journalist is obliged not only to write what he observes but to get his public to read what he writes. Furthermore, he is under obligation to observe and to write objectively, honestly. If he fails to make use of certain human appeals that every writer knows must be used in order to attract the public to what he writes, his most earnest efforts will be unavailing. And if he twists the facts to point a moral the public will come to distrust him. As well make a hero of an offender as a martyr.

The president suggests that newspapers make heroes of the law enforcers rather than the law violators. But the public adores, has always adored, those who successfully defy authority. How much easier to reach the heart strings of any man—superior, average, or inferior—with Robin Hood, or Bonaparte, or Martin Durkin, or Gerald Chapman in the role of hero than that of villain. And how much easier it seems to make a villain of Javert or a prohibition agent who kills, though it be in self defense and in pursuance of his duties as an officer of the law. Yet the public thrills over a good detective story. Perhaps the law enforcer may be made the astute detective, and the criminal the horror element in the mystery pattern.

Two qualities of newspaper workers, a sense of responsibility to the public and ability, are assumed. The newspaper man who holds that his sole duty is to the newspaper itself, as a business enterprise, cannot be expected to give serious thought to the president's suggestions. Nor can the newspaper man who is unable to understand public questions, or to describe or interpret them, be expected to act intelligently on them.

Even granting these qualities, far from universal though they be in the profession, there still remains confusion regarding practical applications.

The validity of the president's criticisms of the press, for his suggestions may be taken as criticisms, hold despite the difficulties in the way of improvement. The public, on the other hand, should appreciate the extent of these difficulties, before passing final judgment.

The problems are old problems that journalists have long puzzled over, but problems that will become decreasingly difficult as increasing numbers of public spirited, intelligent, and well qualified workers are attracted to the ranks of the profession.

DE LAVAL'S GREAT INVENTION

It has been estimated that if all the cream that is used annually in the making of butter in the United States had to be separated by the deep setting system, the yearly loss in butterfat, at farm prices for the product, would be more than \$35,000,000. The butterfat left in the skim milk by the cream separator is negligible, so this saving of \$35,000,000 may be credited to De Laval's great invention.

When we remember that this saving is not for one year only, but that it will extend over all the years to come, we get some idea of the great value of this invention to the people of the United States. As the cream separator is now used in all the great dairy districts of the world, the total value of this invention to the

world's dairy industry each year must be several times \$35,000,000. —J. C. McCowell in the Dairy Farmer.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

W. J. Wilkinson, '05, the first to graduate from the architectural course at the college, visited the col-

lege requesting experiment station bulletins.

The members of the classes in domestic science organized a domestic science club. The new organization was to meet every two weeks.

FORTY YEARS AGO

A subject for debate in the Alpha Beta society was: "Resolved, That the state should tax her citizens to

Proud of Its Job

F. D. Farrell

For nearly 70 years Kansas State Agricultural college and others of the older land grant colleges have been struggling to establish in the United States an educational ideal and a system of education that are essentially different from the ideals and systems that prevailed before President Lincoln signed the Morrill land grant college act on July 2, 1862. That act provided for federal assistance, through grants of land to the states, for the establishment and maintenance in each state of a college "where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts. . . in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life."

What was called mechanic arts in 1862 now is called engineering. Subsequent federal and state legislation has added home economics education to the work of the land grant colleges and has charged these institutions with the conduct of scientific research upon the problems of agriculture, the industries, the industrial sciences, and the home. These colleges have become great public technological schools, primarily for the use of people who work for a livelihood and who wish to combine the technical with the liberal, the practical with the artistic, in their work and in their lives. These colleges differ essentially from the classical school and arts college which were the dominant types of higher educational institution when the land grant college law of 1862 was enacted.

For years after they were established the land grant colleges struggled for a place in the educational world. Their early efforts necessarily were crude. The colleges were opposed by age old educational tradition. They were despised by the supporters of the long established ideals and systems of education, partly because they were new and crude, and partly because they held that culture and labor are not incompatible. They have won their fight because they have proved their worth but they still are widely misunderstood by people who otherwise are well informed.

The well equipped and adequately staffed land grant college no longer apologizes for its existence. It glories in the fact that its students come chiefly from typical American homes, on farms and in small towns, where industry, honesty, good citizenship, and patriotism prevail. It rejoices that its men students may specialize in subjects like horticulture, mechanical engineering, or animal husbandry and its women students in home making, and still be cultivated in the fine arts. It delights to help to solve the every day problems of the farm, the shop, the factory, and the home, whether these problems relate to the gaining of a livelihood or to the improvement of methods of living. The land grant college is essentially a college of the people and it is proud of its job.

lege for the first time since graduation.

H. E. Porter, '07, was with the Fairmount Creamery company of Omaha, Neb.

A. G. Kittell, '09, was editor of the Nebraska Farm Journal with offices in the Farnam building at Omaha.

Fay H. Allis, f. s., and Myrtle (Os-kins) Allis, '09, and their two children were living in Florence, a suburb of Omaha. Mr. Allis was an architect in the employ of Sunderland brothers, Omaha.

TWENTY YEARS AGO

H. B. Holroyd, '03, was promoted to the office of assistant chief of products, bureau of forestry, with headquarters at Denver.

The annual play of the college dramatic club, "The Lady of Lyons," by Lord Lytton, was presented by this group of students: Hope Palmer, George Thatcher, Raymond Ramage, and Wilma Evans.

THIRTY YEARS AGO

The Ministerio de Agricultura of the Republica Argentina wrote the

support colleges, universities, and other institutions of learning."

The Central Kansas Breeders' association met at the college.

The horticultural department sowed about 60 varieties of clover and grass.

Those taking part in a Webster society debate were H. H. Hopkins, R. A. Hollenberg, C. Lowe, and L. W. Call.

FIFTY YEARS AGO

Mina Hosmer, f. s., in 1880, was married to William J. Pifer at Clay Center.

John E. Thackrey, student in 1887-88, writes from Dallas, Tex., of prosperous work.

J. B. Brown, '87, and O. L. Utter, '88, visited the college. They were teaching in Wabaunsee county and Olsburg.

B. Buchli, '84, left for his old home in Switzerland. His aged grandmother was to return with him to make her home in this country.

It belongs to human nature to hate those you have injured. —Tacitus.

METAPHYSICS

Charles Norman in The Saturday Review

Where lies geometry? Oh, not between blue covers are the verticals of ecstasy the angles of despair.

And where geography? Not charts nor latitude can wall the towns of memory from final platitude.

Oh where is anything the mind can cherish? By seas of wondering in lands of wish.

SUNFLOWERS

H. W. D.

PESSIMISTIC SPLINTERS

We are born in hospitals and we die in hospitals. Life is freedom from the odor of hospitals.

As soon as the doctor lets us out in the world, the educators seize us. Nursery school, kindergarten, grade school, high school, college. And after it all, we get a fifty-cent diploma for ten dollars.

Then we become productive. Of what?

Life enters its eye-opening stage when a home is made and another generation is brought into being. The odds are a hundred to one on the new generation.

The rest of the time we make payments on houses and furniture and automobiles and electric appliances. When the final payment is made on the latest purchase, one has had a taste of eternity. Otherwise time is fleeting.

If one dies before the last payment, sometimes his equity in the home and the automobile and the washing machine will pay for the last operation and the funeral. More often it won't.

Life, like Gaul, is easily trisected. It consists of preparing to fall in love, falling in love, and having fallen in love. And the longest of these is having fallen in love.

One should take courage on the first of each month, remembering that one's debts can be paid ultimately, whether they ever are or not.

The more you give for a dollar, the more you are expected to give. The less you get for your dollar, the less you may expect to get. What have you? And how?

Everybody must live. That's the reason so few of us can. Everybody must die. That's the reason everybody does. It is always necessary to make room for people who think they must live.

Youth and age are constantly at war. From twenty-five to fifty the struggle is bitter and no quarter is given. Before twenty-five one doesn't know about it. After fifty one doesn't know what it's about.

Progress is the process of creating appetites for things you never dreamed of. More needs make sharper minds and sharper minds make more needs. Civilization and frustration keep an even balance.

Optimism is a disease one contracts by watching the antics of pessimists. Pessimism is a disease one contracts by watching the antics of optimists.

The only lasting happiness is that which comes from expecting less than will make you happy.

G. B. S.' EXERCISE IS WALKING

Bernard Shaw, who, like H. G. Wells, lives, when he is in the country, in a house which was once a rectory, has put vita glass into his village school. He is no gardener but is sometimes seen hedge clipping in a lane pro bono publico. He does a good deal of writing in one of those garden shelters that turn round. He is known locally for his powers as a walker. At 7:45 the other morning in London I saw the straight, springy figure (aetat 76) returning from a park constitutional. —"S" in the Countryman.

AMONG THE ALUMNI

Jennie (Shoup) Hollingsworth, '15, is living at Cedar Falls, Iowa.

John I. Shoup, '20, is making his home at 319 South Hidalgo, Alhambra, Cal.

Nellie (Shoup) Kirk, '19, is making her home at 100 Warwick, South Pasadena, Cal.

Mabel (Root) Williams, '17, has moved from Campbell Hill hotel to 778 Pleson street, Portland, Ore.

Verral (Craven) Wenn, '15, and Mr. Wenn are making their home at 406 Sixth street, N. E., Atlanta, Ga.

E. L. Blankenbaker, '27, recently moved from 412 Todd, Pittsburgh, Pa., to 522 Wallace avenue, Wilkesburg, Pa.

Earl C. Smith, '25, is employed as a traveling salesman with headquarters at 803 East Drive, Oklahoma City, Okla.

Mabel Amanda Howard, '22, daughter of Jasper M. Howard, f. s., is teaching in the schools at Williams, Ariz.

Freda A. Schroeder, '28, recently accepted a position as dietitian in the State of Wisconsin general hospital, Madison, Wis.

R. A. Oakley, '03, has been transferred from Monrovia, Cal., to the office of Forage Crops, U. S. D. A., Washington, D. C.

Georgiana Bush, '22, visited the college recently. She recently returned from California and is visiting relatives at Little River.

J. E. Schrock, '28, is doing test work for the General Electric company at Erie, Pa. His address is 3720 Main street, Lawrence Park, Erie.

John F. Huff, '28, has been transferred by the Southwestern Bell telephone company from Kansas City to their transmission school in St. Louis.

Earl Ramsey, '16, has resigned the position of principal of the Burley, Ida., high school to accept a similar position with the Filer, Ida., high school.

D. E. MacQueen, '27, stopped in Manhattan for a few days recently on his way from Midland, Mich., to Wilmington, Del., where he has accepted a position as chemist with the Dupont Dye works.

Karl Wilson, '24, who has been teaching English and journalism in the Junction City high school since his graduation, has resigned to go to Canton, China, where he will teach English in Lingnan university.

Mrs. F. C. Ellis, f. s., recently visited her mother, Mrs. J. F. Swingle, Manhattan. Mr. Ellis, f. s., is head of the Ellis Electrical Research laboratories in Chicago. They make their home at 23 Logan Terrace, Golf, Ill.

T. H. Long, '27, visited friends in Manhattan recently. At present he is engaged in the design of the crucible type of induction furnaces for the Westinghouse Electric and Manufacturing company at Turtle Creek, Pa. His address is 1413 Maple avenue.

George J. Stewart, '27, 5560 Pershing avenue, Huntington Arms, St. Louis, Mo., in writing the memorial stadium corporation says, "Enclosed find my check in full payment of my stadium pledge. I am very glad to make this contribution as I feel that it is for a good cause."

R. S. Kifer, '23 (M. S. '24, University of Minnesota), is assistant agricultural economist with the bureau of agricultural economics, U. S. D. A. Washington, D. C. He has recently conducted field studies in co-operation with state agricultural experiment stations in Kansas, Iowa, and other states.

Frances (Hildebrand) Fell, '17, and Shelby G. Fell, '15, recently bought a new home at 612 Fairmont avenue, Westfield, N. J. For neighbors they have Walter E. Deal, '16, and Mary (Nicolay) Deal, f. s., Jimmy Hagan, '16, and May (Sweet) Hagan, '17, D. C. Tate, '16, and Edith (Findley) Tate, '18, and Elliott Ramsey, '16, and Lulu Davis Ramsey. Mrs. Fell writes that there are many other K. S. A. C. people whom they see quite often.

Faculty Itinerary

Local alumni groups in Colorado, Missouri, South Dakota, Georgia, and Massachusetts, may be interested in the following travel schedule of Dean Margaret M. Justin, '09, dean of home economics at K. S. A. C. and president of the American home economics association. Her plans are as follows:

May 3, Vermillion, S. D.
June 27 Atlanta, Ga.
July 1-6, Boston, Mass.
November 7, Denver, Col.
November 8, Pueblo, Col.
November 15, St. Louis, Mo.

MARRIAGES

HROMADA—KOCI

Announcement has been made of the marriage of Sophie C. Hromada, Topeka, to Mr. Joe W. Koci, f. s., Auburn.

FINNEY—BROADBENT

Announcement has been made of the marriage of Julia P. Finney, f. s., and Carl H. Broadbent, both of Beloit, on March 28 at the home of the bride's parents. Mr. and Mrs. Broadbent are making their home on a farm near Beloit.

TAGGART—BUSH

Announcement has been made of the marriage of Josephine Taggart, f. s., and Edgar D. Bush, '27, on March 6. They are at home at Morenci, Ariz., where Mr. Bush is working for the Phelps Dodge corporation as a mining engineer.

VICK—MOODY

The marriage of Miss Helen Vick, f. s., and Mr. Winston L. Moody, f. s., took place during the holidays in Junction City. Mr. and Mrs. Moody are making their home in Salina where Mr. Moody is associated with the H. D. Lee Mercantile company.

KELLY—BOSTICK

The marriage of Miss Thelma Kelly, f. s., and Mr. John Bostick took place during the holidays in Manhattan. Mr. and Mrs. Bostick are making their home at 515 Pierre, Manhattan. Mr. Bostick is employed by the Kansas Gas and Pipe Line company.

EHRSAM—ENGEL

The marriage of Hortense E. Ehrsam, f. s., Abilene, and Mr. Oscar E. Engel, Kansas university, took place on April 10 at the home of the bride's parents. After a short wedding trip Mr. and Mrs. Engel will be at home in Navarre, where Mr. Engel is employed in the bank.

RAEBURN—HUNTER

The marriage of Miss Renna Rosenthal Raeburn, '23, to Dr. J. Theron Hunter, Topeka, took place on April 5 in San Francisco, on the return of Miss Raeburn from a nine months stay in China. Miss Raeburn was a member of the public speaking department faculty at K. S. A. C. for two years and resigned last June to accept a position in Lingnan university, Canton, China. Doctor and Mrs. Hunter will make their home at 1231 Tyler, Topeka.

DEATHS

HARPER

Miss Josephine Harper, 73, died at her home in Manhattan on April 5 after a week's illness. For six years she was an instructor in mathematics at K. S. A. C. Burial was in Sunset cemetery.

PROTHERO

James Harrison Prothero, f. s., '80-'81, died in a Chicago hospital on April 8, from pneumonia of four days duration. Doctor Prothero was a dental surgeon of national repute and held the position of professor of operative dentistry at Northwestern university for 25 years. Since 1918 he engaged in private practice and continued his writing on dentistry. He is survived by his wife, Dr. Kate D. Prothero, who is critically ill with pneumonia in the same hospital to which her husband was taken. Funeral services were held on April 12 and interment made in Oakwoods cemetery.

LOOKING AROUND

KENNEY L. FORD

Seven alumni completed payments on life membership pledges or pledged to life membership during the month of March, 1929. Those on the list are: Elizabeth Allen, '28, Fostoria; Le Roy Melia, '28, Byers; Elfrieda Hemker, '23, Ellinwood; B. A. Kahn, '27, Kansas City, Mo.; V. E. Lundry, '28, New York City; Eldon T. Harden, '28, Centralia; and B. M. Anderson, '16, Manhattan.

On April 17, Dr. W. E. Grimes, treasurer of the alumni loan fund, reported that since June 1, 1928, 218 loans, amounting to \$11,915, had been made to students. Approximately \$3,000 more has been approved but not loaned because of a lack of funds. At the present time the fund totals \$18,205.

The Kansas City Aggies enjoyed an alumni meeting at the Missouri Athletic club, Tuesday evening, April 23. About 70 alumni turned out to hear and get acquainted with A. N. (Bo) McMillin. Coach McMillin told the Kansas City group that he believed the year 1929 would be a successful one in athletics for K. S. A. C. and he urged the Kansas City alumni to work through the alumni association for K. S. A. C.

The alumni also enjoyed hearing one of the "go to college" teams, a male quartet, sponsored by the college Y. M. C. A., which attended the meeting with K. L. Ford, alumni secretary. The quartet, composed of G. F. Monteith, Hoxie; F. H. Clark, Florence; R. L. Peters, Leavenworth; and Glen Hilyard, Severy, sang several college and popular selections.

One of the features of the evening's entertainment was two solos sung by Mr. Anderson, a future Aggie, the 4 year old son of John H. and Ethel (Marshall) Anderson. This young man has quite a reputation as a radio soloist.

The officers of the Kansas City alumni association are L. J. "Rocky" Bryan, president; Mrs. Ella (Sisson) Wasson, vice-president; and Mrs. Maude (Lahr) Trego, secretary-treasurer. The Kansas City officers are putting a lot of effort into their program and they are getting results. It was found that about 25 of the alumni present at the last meeting were attending their first alumni meeting.

President Bryan read a letter of greetings from President F. D. Farrell and regrets from a few Kansas Citizens who could not be present. Mr. Bryan also announced the next meeting would be a social evening of cards and dancing.

Mrs. Maude Trego, whose address is 4036 Cambridge avenue, Kansas City, Kan., requests that we ask through THE INDUSTRIALIST that "anyone knowing of Aggies living in or near Kansas City who have not been receiving notices of our meetings, please send the names to L. J. Bryan or myself." Mr. Bryan's address is in care of the Equitable Life Assurance society, Tenth and Baltimore, Kansas City, Mo.

"As you know we are anxious to reach all the Aggies in this vicinity and it is no small job to find them all," Mrs. Trego said.

Kansas City alumni present who registered are: Orpha Babb, Mary Marcene Kimball, '28, Vivian Hodgins, S. R. Johnson, '20, Karleen Garlock, '26, W. M. Herren, '29, W. F. Turner, '10, Lydia (Stoddard) Turner, '13, J. O. Abbott, Alma Hollowell, Helen (Hutchins) Huttig, Gladys Woodward Potts, T. G. Storey, '21, and Mrs. Storey, Hoyt Purcell, E. Q. Mell, '28, Vergie McCray, '11, W. S. Price, '26, Howard A. Ames, '23, John H. Anderson, '12, Ethel (Marshall) Anderson, '14, Ernest B. Coffman, '28, Gertrude V. Conroy, '21, Ruth L. Davidson, '26, Sivert Erikson, '20, Ralph Ewing, Elmer Hopp, Mrs. Hopp, W. F. Orr, H. V. Rathbun, '27, Herbert Hemker, '23, Earl F. Hoover, '24, Ezra E. Howard, '25, Phyllis (Burtis) Howard, '25, John F. Huff, '28, Emma (Schull) Huff, '27, Albert T. Kinsley, '99, Anna (Smith) Kinsley, '01, Carl W. Londerholm, '25, Catharine Lorimer, '28, Ida May Wilson, '16, Harry M. Ziegler, '14, C. C. Jolly, Lillian (McCarthy)

Brewster, '17, Merle R. Henre, '25, W. H. Newhard, '26, Eleanor (Nelson) Newhard, '26, Helen Priestley, '28, William Sartorius, '28, Ella Webb, '28, Ruth Webb, T. O. Hedrick, '23, C. V. Garrett, R. L. Helmerich, '28, Harley K. Burns, '24, and Mrs. Burns, Rocky Bryan, W. W. Trego, '24, Maude (Lahr) Trego, '22, Mrs. Gil Wann, '24, Earle W. Frost, '20, Walter Carey, '21, Ruth (Gillis) Vaughn, '21, and H. B. Skinner.

SENIOR ELECTRICALS NOT HUNTING POSITIONS

Nearly All Prospective Graduates of Department Already Have Jobs, Others Tentatively Located.

Fifty-two prospective graduates of the electrical engineering course this year have been placed in positions with various manufacturing and industrial concerns.

According to Prof. R. G. Kloeffer, head of the college electrical engineering department, positions have been obtained for every graduate for the past 14 years. There are a few men not yet definitely placed but these will be located within the next week or two.

The companies taking the largest number of men are the Westinghouse Electric and Manufacturing company, Pittsburgh, Pa., General Electric company, Schenectady, N. Y., Southwestern Bell Telephone company, Kansas City, Mo., and the Radio Corporation of America, New York City.

Following is a list of the men and the companies with whom they have positions:

Westinghouse Electric and Manufacturing company, Pittsburgh, Pa.—C. A. Garrison, Pittsburgh; O. G. Rogers, Bronson; R. E. Wheeler, Manhattan; E. B. Ankenman, Norton; C. E. Hammett, Manhattan; A. W. Broady, Plains; G. D. Van Pelt, Beloit; F. E. Johnson, Burlington; F. E. Wiebrecht, Strong City; P. J. Edwards, Athol; A. W. Vance, Garden City; R. E. White, Jewell; A. M. Breneman, Parsons. General Electric company, Schenectady, N. Y.—E. G. Downie, Hutchinson; H. A. Senior, Independence; A. H. Hemker, Great Bend; B. L. Remick, Manhattan; A. R. Weckel, Piqua; E. O. Earl, Nickerson; E. J. Cover, Ozawie; Glenn Koger, Herington; D. C. Lee, Harper; M. C. Coffman, Wakefield; W. A. Nelson, Alta Vista; H. C. Lindberg, Courtland.

Southwestern Bell Telephone company, Kansas City, Mo.—D. P. Hutchinson, Council Bluffs, Iowa; G. K. Hays, Manhattan; J. J. Shenk, Manhattan; N. T. Dunlay, Beryton; E. J. Skradski, Kansas City; W. M. Herron, Manhattan. Radio Corporation of America, New York City—C. E. Pickett, Glen Elder; V. D. Mills, Manhattan; Aaron Kipp, Ellsworth.

R. L. Miller, Norton, Bell Telephone laboratories, New York City; C. B. Olds, Delphos, Doherty training school, Denver; C. C. Rice, Manhattan, teaching; P. S. Colby, Denver, Kansas Gas and Electric company, Wichita; V. H. Dobbins, Platt, Curtis Lighting, Inc., Chicago; K. D. Hall, Wichita, Swallow Airplane company, Wichita. T. R. Brennan, Bonner Springs, Chicago central station institute, Chicago; L. E. Baty, Manhattan, Sulentic Engineering company, Topeka; G. W. Hurst, McKinney, Tex., Chicago central station institute, Chicago; F. E. Roehman, White City, Westinghouse Electric Elevator company, Chicago. E. V. Ellifrit, Kansas City, Mo., Chicago central station institute, Chicago; M. M. Ginter, Manhattan, private business; J. H. Moehman, Manhattan, Public Service company of Northern Illinois, Chicago; G. E. Schwandt, Manhattan, Aluminum company of America, New Kensington, Pa.; F. G. Fry, Waldo, Prairie View college, Prairie View, Tex.; C. W. Sloan, Dalhart, Tex., private business; K. O. Peters, Utica, Florida Power corporation, St. Petersburg, Fla.

COMMENCEMENT WEEK

Class Reunions

| | |
|-----|-----|
| '79 | '04 |
| '84 | '09 |
| '89 | '14 |
| '94 | '24 |
| '99 | '29 |

SUNDAY, MAY 26

8:00 p. m. Baccalaureate, College auditorium.

MONDAY, MAY 27

Class Day Exercises

7:30 a. m. Breakfast for senior women by Mortar Board, college cafeteria.

TUESDAY, MAY 28

Alumni Day

1:30 p. m. Dedication of war memorial, recreation center.
2:00 p. m. Alumni business meeting, recreation center.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

WEDNESDAY, MAY 29

Commencement Exercises

9:30 a. m. Academic procession.
10:00 a. m. Graduation exercises.

Byron E. Short, '25, and Mrs. Short have moved from Anthony to Bartlesville, Okla.

RECENT HAPPENINGS ON THE HILL

The annual Hamilton-Ionian egg roast was held last Thursday, at Cedar Bend.

The annual intramural outdoor track meet is being conducted on three days of this week.

H. E. Wichers of the department of architecture spoke at Downs April 25 in connection with a Better Homes week program.

Activities of the Y. W. C. A. Big Sister committee have started under the leadership of the new chairman, Pauline Samuel, Manhattan.

Dr. Martha Kramer and Miss Ina Cowles of the home economics faculty will go to St. Marys May 3 to judge exhibits in the annual high school contest there.

Applications for the positions of editor and business manager of the Kansas State Collegian for the first nine weeks of the fall semester, 1929-30, are now due.

Pledging services were held recently by Pi Kappa Delta for Gertrude Brookens, Wesmoreland; Eugene Mangelsdorf, Atchison, and Virgil Siebert, Pretty Prairie.

John C. Watson, Frankfort, has been appointed editor and Richard Dickens, Manhattan, business manager of the summer school issue of the Kansas State Collegian. Helen Sloan, Hutchinson, will be assistant editor.

The student council and officers of the freshman, sophomore, and junior classes recently approved the letting of the contract for senior announcements to the Star Engraving company, Houston, Tex., for three years to come.

OUR OWN FOLKS

The following letter, of especial interest to older alumni of the college, was received by A. A. Stewart, and forwarded to THE INDUSTRIALIST:

1055 N. Kingsley Drive,
Los Angeles, Cal.

Dear Friend Stewart:

I draw a bow at a venture in addressing this letter, as I cannot find your street number and am not even sure that you are still in Colorado Springs. THE INDUSTRIALIST is here with pictures of you and President John A. Anderson. Your article is A No. 1! Thank you ever so much for it. How it brings back old times! They do not seem old; but Mrs. Howard and I had our golden wedding the first of last May; and what you have written about in your article occurred before we were married! Where was your boarding house when you went across the present stadium site to reach the mechanical building in those days? I had forgotten any barn in that part of the campus, but you must be right, that one was there.

Mrs. Howard and I are in good health. We were asked, last Sunday, if we would lead the music in the meetings soon to be held in a large church in this part of the city—Mrs. Howard to play, and I to lead the audiences—we at times sing duets. How is that for 76-year-olds?

Last Monday we sat in our front room, and lived in Washington, D. C., three hours with Charlie Curtis—whom I knew as a little shaver in Topeka, some years before I saw you—and with Herbert Hoover and a rain drenched multitude. Then, for an hour or so, we switched to Palo Alto, Cal., listening to his old and new neighbors, and university students, as they celebrated in his honor. And we heard it all clearer and better than any in either of those large throngs! Big times, these.

One of your K. S. A. C. printer boys,

W. C. Howard, class 1877.

ROUSSIN IS HIGHEST IN GRAIN CROPS JUDGING

WINS WITH BEST SCORE IN LAST 11 YEARS

Sixty-Five Entered Klood and Kernel Klub Contest Saturday—Ebur Schultz and W. M. Myers Win Junior and Freshman Honors

J. W. Roussin of Brewster, Kan., won highest honors in the annual Klood and Kernel Klub grain and crops judging contest at the college last Saturday by amassing a total of 918 points out of a possible 1,000, the highest score made in the contest in the last 11 years. Roussin, a senior agronomy student, competed in the senior division of the contest, in which only students who had had advanced crops work were allowed to compete.

Ebur Schultz, Miller, a sophomore agronomy student, took first place in the junior division of the contest in which those students who had completed their crops judging work competed. His score was 749. Both Schultz and Roussin won silver trophies.

SIXTY-FIVE IN CONTEST

Honors in the freshman division were won by W. M. Myers, Bancroft, with a score of 745. His was a cash prize. Other high ranking students of the 65 who took part in the grain and crops judging event follow:

In senior division—J. H. Green, Beverly; F. G. Ackerman, Lincoln; W. J. Braun, Council Grove; J. L. St. John, Louisville; F. J. Raleigh, Clyde.

In junior division—J. L. Wilson, Geneva; A. M. Schlehuber, Durham; E. B. Mangelsdorf, Atchison; C. Williams, Dodge City.

In freshman division—Athol Sayre, Cottonwood Falls; Lee Albin, Norcat; Keith Dusenbury, Anthony; Joe Foster, Topeka.

MUST KNOW FARM CROPS

The judging competition included identification of crop, weed, and plant diseases, commercial grading of grain, and judging of farm crop seeds. Faculty members of the agronomy department were the judges. Prof. C. D. Davis and Prof. J. W. Zahnley were in charge of the event.

The following firms contributed prizes amounting in value to \$135.

Kansas Crop Improvement association, Manhattan; Simonds, Shields, Lonsdale company, Kansas City, Mo.; Henry Field Seed company, Shenandoah, Iowa; Peppard Seed company, Kansas City, Mo.; Rudy Patrick Seed company, Kansas City, Mo.; Mangelsdorf Seed company, Atchison; Rea Patterson Seed company, Coffeyville; Bowman Seed company, Concordia; Secular Bishop Grain company, Kansas City, Mo.; Barteldes Seed company, Lawrence; May Seed company, Shenandoah, Iowa; Red Star Milling company, Wichita; Hays City Flour mills, Hays; Daily Drivers Telegram, Kansas City, Kan.; Farm and Fireside, New York City; Meredith Publishing company, Des Moines, Iowa; Capper Farm press, Topeka; and the Weekly Kansas City Star, Kansas City, Mo.

CIVIL ENGINEERING SENIORS TAKE TOUR OF INSPECTION

Industries in Three Cities Visited During Tour

Eighteen seniors in the department of civil engineering spent three days, starting April 18, on an inspection trip to Lawrence, Bonner Springs, and Kansas City. Professors L. E. Conrad and F. F. Frazier were in charge of the trip.

Seniors that went on the trip are: L. H. Davies, Manhattan; H. T. Deal, Hoisington; M. K. Eby, Wellington; J. V. Faulconer, El Dorado; R. W. Frank, Manhattan; O. L. Gathers, Miltonvale; H. S. German, Little River; V. H. Harwood, Manhattan; J. R. Heller, Detroit; G. A. Johnson, Manhattan; E. C. McBurney, Newton; W. H. Murray, Manhattan; Victor Palenske, Alma; H. B. Palmer, Aulne; K. E. Rector, Scott City; E. L. Sloan, Boise City, Okla.; L. R. St. John, Manhattan; H. G. Wood, Topeka.

NAMES OF 11 PRIX MEMBERS FOR PAST YEAR ANNOUNCED

Junior Women's Honorary Keeps Active Roster Secret

Members for the school year 1928-29 were announced last week by Prix, honorary organization for junior women. Initiation is held at the end of the sophomore year, but names of those initiated are not announced until the termination of their period of active membership.

Names announced are: Margaret McKinney, Great Bend, industrial journalism; Frances Wentz, Ames, home economics; Leone Pacey, Manhattan, physical education; Donna Duckwall, Abilene, architecture; Flora Ross, Amarillo, Tex., home economics; Margaret Greep, Longford, home economics; June Jerard, Manhattan, general science; Opal Thuro, Macksville, general science; Adelaide Scott, Manhattan, physical education; Mary Bell Read, Manhattan, physical education; Laura Hart, Overbrook, public school music.

TENNIS TEAM TIES, LOSES AGAINST HUSKERS, WASHBURN

Nebraska Score 3 to 3—Ichabods Win 4 to 2

After an afternoon of play last Friday, the Kansas Aggies and Nebraska tennis team found themselves in a 3 to 3 tie. The games were played on the Manhattan courts.

The summary:

SINGLES

Silverwood, Aggies, defeated Dubree, Nebraska, 6-4, 1-6, 6-2. Bredehoft, Aggies, defeated Sherman, Nebraska, 6-4, 4-6, 6-3. Cameron, Nebraska, defeated Kipp, Aggies, 6-4, 6-4. Robertson, Nebraska, defeated Worthy, Aggies, 6-2, 8-6.

DOUBLES

Silverwood and Bredehoft defeated Dubree and Cameron, 6-4, 6-4. Sherman and Robertson defeated Kipp and Hollingsworth, 6-1, 6-3.

Washburn's tennis team defeated the Aggies Saturday, 4 to 2. Coach Ralph Piper split his doubles teams, forfeiting what appeared to be a sure tie in the hopes of winning the meet. The summary:

SINGLES

Silverwood, Aggies, defeated Hamilton, Washburn, 6-2, 6-2. Bredehoft, Aggies, defeated Garlinghouse, Washburn, 6-1, 5-7, 12-10. Scott, Washburn, defeated Kipp, Aggies, 6-2, 6-3. Freidburg, Washburn, defeated Worthy, Aggies, 6-1, 6-3.

DOUBLES

Garlinghouse and Hamilton, Washburn, defeated Silverwood and Hollingsworth, Aggies, 8-6, 6-4. Scott and Sands, Washburn, defeated Bredehoft and Worthy, Aggies, 6-3, 6-4.

There is a pleasure sure In being mad which none but madmen know. —Dryden.

PROGRESS OF KANSAS PRESS

F. E. C.

Like other Kansas editors in towns where there is a Lions club, Lawton Stanley of the Coldwater Talisman is running the Town Doctor series of editorial articles. The series of 52 is published by local papers in cooperation with local Lions clubs.

A story that is available in practically every community now is one dealing with new school teachers for next year. County papers are running a complete list of teachers in their county, while smaller papers run lists of those hired in their community.

Ewing Herbert of the Hiawatha Daily World is an outstanding exponent of brevity in news writing. The Daily World's news style is different from every other paper's style but the stories give the facts. Every item is written in a single paragraph whether it includes 10 or 210 words. With its terse style the World gets an amazing amount of local news on the front page.

Someone on H. A. Dawson's Russell Record finds time enough to write some good local editorials. These are sandwiched into the page with original editorial quips. Some of the latter which appeared in a recent issue of the Record follow:

Author Jumps Into River, says a headline. Hooray for more and bigger rivers.

Russell has a man who has survived two contagious diseases, a major operation, a blackleg scare, and a train wreck and he boasts of never having endorsed a patent medicine.

There is some advantage in being prominent in national affairs—the newspapers and magazines will print hair on your head whether you have any or not.

The farm bureau column of County Agent William S. Speer gets front page position in the Kingman Journal. Incidentally, Mr. Speer knows how to write a good news story. He begins his paragraphs in news style

EXTENSION STUDY TO SURVEY LEADERSHIP

THREE KANSAS COUNTIES WILL BE VISITED

Prof. E. B. Wells and M. C. Wilson, U. S. D. A., Will Try to Determine Value of Local Leaders in Extension Work

M. C. Wilson, in charge of the extension studies, office of cooperative extension work of the United States department of agriculture, and Prof. E. B. Wells of the Kansas State Agricultural college are conducting an extension survey in eastern Kansas this week. The first four days are to be spent in Leavenworth and Douglas counties and Friday in Bourbon county.

The general study, aimed to show the value of extension leadership, is planned as follows:

STUDY MANY LEADERS

Information will be obtained from approximately 225 local extension leaders, 75 of whom are leaders of home demonstration work, 75 of county agricultural work, and 75 of 4-H club work. The information obtained from the leaders will show just what they have done as leaders during the past year, and how they have contributed to the advancement of extension work. The amount of time spent on each of the various activities entered into as leaders will be recorded, as will information as to the occupation, educational training, and the like of leaders.

To show more definitely the value of leaders in extension work, a study will be made of the spread of home economics practices taught in the community where leaders have been systematically used and in a community where a home demonstration agent has worked with local groups directly.

COMPARE CLUB WORK

A similar study will be made of agricultural practices in a community where local leaders have been used, and in a community where they have not been used.

In case of club leadership, the comparison will relate to club work

done where leaders have attended leader training meetings, as compared with the situation where leader training meetings have not been attended.

Lyon Breaks Record

Last Saturday at the Drake relays George (Babe) Lyon, who broke the college shotput record recently, set a new college discus record of 135 feet 7 inches, but failed to place. The Drake meet has been won on that distance on several previous occasions. J. E. (Bud) Smith, holder of the college javelin record, took fourth at Drake.

GOLFERS DEFEAT WASHBURN AND K. C. JUNIOR COLLEGE

Mike's Men Hold Place in Undefeated Class

The Kansas Aggie golf team won matches last week from Washburn college and Kansas City Junior college. The four man team defeated Washburn 13 1-2 to 4 1-2.

In the morning round Ben Remick, Manhattan, tied his match; Gerald Smith, Manhattan, won 3 to 0; Dale Lott, Minneapolis, lost 0 to 3, and Eugene Holmberg, Kansas City, won 3 to 0. In the afternoon Remick and Lott won 3 to 0, and Smith and Holmberg won 3 to 0. Smith was low medalist with a 71.

Against Washburn Holmberg and Smith lost the first nine, then won the last nine and the 18 holes. Holmberg shot a 68 on the par 70 course. Smith and Bogges of Kansas City each shot 70's, while Grassburger of Kansas City took a 75.

CHICK AND EGG SHOW SETS ENTRY RECORD

(Concluded from page 1)

Summary of baby chick placings:

Grand championship points—Frankfort chickeries, Frankfort, 90; Ross hatchery, Junction City, 68; Blue Ribbon hatchery, Sabetha, 60; Steinhoff and Sons, Osage City, 54; Mathis Poultry farm, Parsons, 47.

Average score sweepstakes—Ross hatchery, Junction City, 92.45; Hiawatha hatchery, Hiawatha, 90.79; Blue Ribbon hatchery, Sabetha, 90.20; Frankfort chickeries, Frankfort, 89.87; and Steinhoff and Sons, Osage City, 89.02.

Highest scoring entry—Midwest Poultry farm, Burlingame, White Wyandottes, 97.

Class 1, White Leghorns—Mrs. Ed A. Holm, Manhattan, 95; Hiawatha hatchery, Hiawatha, 92.75; Frankfort chickeries, Frankfort, 92.

Class 2, R. I. Reds—Ross hatchery, Junction City, 96; Blue Ribbon hatchery, Sabetha, 94.25; Steinhoff and Sons, Osage City, 94.

Class 3, Barred Rocks—Hiawatha hatchery, Hiawatha, 91.50; Blue Ribbon hatchery, Sabetha, 91.25; Steinhoff and Sons, Osage City, 89.75.

Class 4, Buff Orpingtons—Steinhoff and Sons, Osage City, 95; Frankfort chickeries, Frankfort, 93; Mathis Poultry farm, Parsons, 92.

Class 5, White Wyandottes—Midwest poultry farm, Burlingame, 97; Ross hatchery, Junction City, 94; Minch hatchery, Beloit, 94.

Class 6, White Rocks—Frankfort chickeries, Frankfort, 94; Midwest Poultry farm, Burlingame, 93.75; Steinhoff and Sons, Osage City, 93.

Class 7, Rhode Island Whites—Midwest Poultry farm, Burlingame, 96; Blue Ribbon hatchery, Sabetha, 92; Tindell's hatchery, Burlingame, 78.

Class 8, Anconas—Mrs. Frank Williams, Marysville, 90; Mrs. Sadie Miller, Meriden, 86; Mathis Poultry farm, Parsons, 83.

Class 9, White Minorcas—Roy Babb, Wakefield, 95; Mathis Poultry farm, Parsons, 94; Tindell's hatchery, Burlingame, 92.

Class 10—(Miscellaneous) Blue Ribbon hatchery, Sabetha (Buff Minorcas), 96; Mathis Poultry farm, Parsons (Buff Leghorns), 95; Frankfort chickeries, Frankfort (Buff Leghorns), 95.

Class 11, out of state—Lakeview Poultry farm, Holland, Mich. (Buff Orpingtons), 96; Ramseyer Hatcheries, Inc., Oskaloosa, Iowa (White Minorcas), 96; Lakeview Poultry farm, Holland, Mich. (White Wyandottes), 94.

Egg summary:

Kansas certified and accredited flocks, white eggs, Class II, Roy Babb, Wakefield, 95; Roy Babb, Wakefield, 92.75; Stewart ranch, Goodland, 89.75. Brown eggs, Sarah Jean Sterling, Hope, 91.25; Mrs. Frank Walker, Valley Falls, 88.5; H. S. Blankly, Council Grove, 88.

Fanciers' class, White eggs, Class III, Mrs. Ed A. Holm, Manhattan, 96; Mrs. C. J. Johnson, Mahanattan, 90; Esbon Leghorn farm, Esbon, 89. Brown eggs, Joe Mark, Manhattan, 92; Ben Grosse, Jamestown, 88; Purdue university, La Fayette, Ind., 87.

High School class, White eggs, Class IV, Milford Palmquist, Jamestown, 89; Oran Talbot, Manhattan, 89; Evan Hoover, Chapman, 88. Brown eggs, Milford Palmquist, Jamestown, 92; Andrew Flesher, Jamestown, 92; Harold Gugler, Chapman, 90.

Commercial, Class V, 24-26 ounce eggs, Hurst and Majors, Manhattan, 96; Metz Packing company, Courtland, 95.5-8; Seymour Packing company, Grenola, 95.50. 26-30 ounce eggs, Grenola Produce company, Garnett, 96.75; Seymour Packing company, White City, 96.5-8; Perry Packing company, Randolph, 96.3-8.

Specials, three year highest average score: Roy Babb, Wakefield, 92. Two year highest average score: Class II, Roy Babb, Wakefield, 91.37; Class III, Mrs. Ed Holm, Manhattan, 91.25; Class IV, Andrew Flesher, Jamestown, 88.87.

WILDCATS WIN PAIR FROM MISSOURI TIGERS

TAKE FIRST HOME GAME 3 TO 2—SECOND 11 TO 10

Ward's Home Run in Tenth and Towler's Steal of Home are Features of Baseball's 1929 Introduction

Two late finishes won for the Kansas Aggies two baseball games from their ancient and esteemed rivals, Missouri university, on the college field last Friday and Saturday. The scores were 3 to 2 in 10 innings and 11 to 10 in nine.

Captain Kirk Ward of Elmdale broke up the first day's proceedings in the home half of the tenth when he boosted a home run through the right field fence with nobody on base, and broke a 2-2 tie. Geiselman of Missouri was stingy and let the Aggies down with five hits, but on three of these Aggie runners encircled the bases.

In the second inning Bob McCollum, El Dorado, hit one to the top of the right field bank, and it bounced on through the fence for four bases. Ward came up in the third and smashed a grounder through the Missouri shortstop. The Tiger left fielder carefully arched his legs and stooped down to field the ball, but it scooted right on through and Ward got home before Missouri could get the ball there.

Missouri settled down after three errors in the third, and both teams played airtight ball. H. J. Barre, Tampa, hurled his first Aggie game. He was a little more liberal with hits than Geiselman, but none were of the four-base variety. Given excellent support, Barre pitched himself masterfully out of several early inning crises, and was invincible toward the last.

The score by innings:

| | R | H | E |
|---------------------|-----|-----|-----|
| Missouri U. | 000 | 011 | 000 |
| Kansas Aggies | 011 | 000 | 000 |

Batteries—Geiselman and R. Bridges; Barre and Conger. Winning pitcher Barre, losing pitcher Geiselman. Umpire Larry Quigley, St. Benedict's.

Bill Towler, Topeka, stole home with the winning run! That will be the remembered thing about that hectic second game, which was as full of hits and runs as the first game was tightly played.

It was the last of the ninth, with the score tied at 10-all. Towler, who hit safely four times out of five times at bat, got a smart single. Conger walked. Then Glenn "Pink" Gilbert, Olathe, laid down a neat sacrifice bunt toward first, and Towler rested on third, Conger on second, with only one out.

Ward was at bat and was scheduled to bunt, but missed the ball, with Towler charging for home and Conger for third. R. Bridges, Missouri catcher, started for Towler, ball in hand. Towler retreated to third, while Conger stood ready to run back to second. As Towler neared the base, Conger started for second, and Bridges tossed the ball to the shortstop to tag Conger out.

All this time the Missouri pitcher and first baseman were interested spectators, forgetting that home plate was unprotected. With the ball in the shortstop's hands, Towler, unable to believe his eyes, grinned and loped past the Missouri catcher with the winning run.

Little need be said of the early innings. Gilbert came to the mound in the sixth after Doyle and Freeman had failed utterly to subdue the Tigers, and was credited with the victory after pitching four crafty innings. Geiselman, who hurled for Missouri on Friday, pitched the last four innings for the Tigers.

In Missouri's big fifth Asbury knocked a home run with one on. Double plays, Evans to Forsberg to Towler, ended the Missouri fifth and seventh innings.

The score by innings:

| | R | H | E |
|---------------------|-----|-----|-----|
| Missouri U. | 300 | 061 | 000 |
| Kansas Aggies | 250 | 003 | 001 |

Batteries—Leo Bridges, Geiselman, and Rupert Bridges; Doyle, Gilbert, and Conger. Winning pitcher Gilbert, losing pitcher Geiselman. Umpire Larry Quigley, St. Benedict's.

Never read any book that is not a year old. —Emerson.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, May 8, 1929

Number 29

COLLEGE HONORS 350 ON RECOGNITION DAY

TRIBUTE PAID STUDENTS FOR YEAR'S ACHIEVEMENTS

Deans Read List From Various Divisions and Announce Award of Scholarship Prizes—Large Audience Attends Exercises

Recognition for achievement was paid nearly 350 Kansas Aggie students, in a college assembly held Friday, May 3. One of the largest audiences to attend any exercises this year was present.

Dr. F. D. Farrell presided. Devotions were led by Miss Stella M. Harriss. The deans made the awards in their respective divisions, Miss Araminta Holman acting in the place of Dean Margaret Justin, who could not be present.

In the division of agriculture members of the following teams were recognized: animal husbandry, meats, dairy cattle, dairy products, crops, apple, and poultry. New members of Gamma Sigma Delta and Alpha Zeta also were honored.

The medal offered annually by Alpha Zeta was presented to Arnold E. Chase, Manhattan.

In the division of general science recognition was made of members of the following organizations: men's rifle team, men's debate team, women's debate team, oratory winners, Alpha Kappa Psi, Mu Phi Epsilon, Phi Alpha Mu, Phi Delta Kappa, Phi Mu Alpha, Pi Kappa Delta, Purple Masque, Quill club, Scabbard and Blade, Sigma Delta Chi, and Theta Sigma Phi.

PRESENT BAND FOBS

Announcement was made of the award of the Phi Alpha Mu freshman scholarship of \$20 to Thelma Stafford, Republic. Band fobs in appreciation of seven semesters of participation in band work were given the following: Arthur Hemker, Great Bend; Fred Huff, Chapman; Glen Koger, Herington; Merton Paddock, Manhattan; Orrill Latzke (deceased), Manhattan; Joe Shenk, Manhattan; Homer Yoder, Manhattan.

Members of Sigma Tau, engineering fraternity, were recognized, and awards of the following special prizes announced:

John A. Hoop, Fowler, \$25 for senior student having highest standing in agricultural engineering, junior and senior year.

Stanley E. Morse, Manhattan, medal of the American Institute of Architects for senior student, general excellence in architecture.

Louis A. Cortes, Bogota, South America, Jensen prize for general excellence in architecture, junior student. Honorable mention to Robert I. Lockard, Norton; Edwin D. Hollingsworth, Salina; Charles L. Brainard, Manhattan.

Clarence A. Rinard, Salina, faculty prize to a sophomore for general excellence in architecture. Honorable mention to Howard E. Martin, Eskridge; Ruel S. Walker, Galena, and Roland E. Adams, Wauwatosa, Wis.

FRESHMAN ARCHITECTS HONORED

Faculty prizes for freshmen for general excellence in architecture: first, Alden G. Krider, Newton; second, Ethel Eberhart, Topeka. Honorable mention, Vern W. Johnson, Salina; Jared B. Morse, Manhattan; Pearl Rayback, Goodland.

Senior medals for excellence in electrical engineering: Paul S. Colby, Denver, Col., gold medal; Joe J. Shenk, Manhattan, silver medal.

Junior medals for excellence in electrical engineering: Gordon C. Nonken, Manhattan, gold medal; Bruce R. Prentice, Clay Center, silver medal.

Sigma Tau medals for three freshmen ranking highest in scholarship: Harold E. Trekel, Belle Plaine, gold medal; Clyde Newman, Holton, silver medal; Kenneth D. Grimes, Topeka, bronze medal.

MENTIONED FOR SCHOLARSHIP

Honorable mention by Sigma Tau for high scholarship, freshman,

1927-28: Lee O. Stafford, Republic; Herbert L. Winston, Stilwell; George E. Wise, Wichita; Floyd G. Winters, Oswego; Frank R. Condell, El Dorado; Lloyd E. Fritzinger, Manhattan; Earl M. Regier, Moundridge.

Award by Kansas section, American society of civil engineers, to senior having highest grades in civil engineering: William S. Reeder, for 1927-28.

Veterinary medicine awards were announced as follows: Schmoker prizes for general proficiency: Karl W. Niemann, Okmulgee, Okla., \$10 first prize; Lawrence O. Mott, Spencer, Neb., \$5 second prize.

Jensen-Salsbery prizes in therapeutics: Wesley W. Bertz, Odessa, Mo., \$7.50; Henry D. Smiley, Manhattan, \$7.50.

Faculty prize in pathology: K. W. Niemann, \$7.50.

Faculty prize in physiology: Andrew L. McBride, Manhattan, \$7.50.

New members of Omicron Nu were recognized in the division of home economics, as well as members of the meats judging team.

Other home economics awards announced were: Esther McGuire, Manhattan, senior ranking highest in scholarship for entire four years. Mattie Louise Morehead, Norton, senior ranking highest in scholarship, junior and senior years.

Edna Irene Pieplow, Hutchinson, Omicron Nu freshman scholarship prize, 1927-28.

Honorable mention by Omicron Nu for scholarship: freshman—Irene L. Todd, Topeka; Catharine E. Zink, Lincoln; Izola Dutton, Manhattan; Lyla Sophia Roepke, Manhattan; Grace Speers, Agenda; Emma Shepek, Narka; Mary Elizabeth Sayre, Manhattan.

Sophomores—Thelma Reed, Kanopolis; Edna Pieplow, Hutchinson; Miriam Eads, Cullison; Luella Vanderpool, Meade; Gertrude Seyb, Pretty Prairie; Mary McCreight, Soldier; Helen D. Porter, Stafford.

Recognition of Mortar Board members was made by President Farrell, for the college.

RACE NEW FEATURE OF ANNUAL AG FAIR

Exhibits, Rodeo, Follies, and Minstrel Also Planned for Visitors to North Campus Saturday

The usual dance, follies, and rodeo are planned for the annual Ag Fair, to be held on the north campus Saturday, May 11. An unusual feature, however, is a race for light automobiles of under \$25 in value, which will be held immediately after the parade through town. All drivers in the race will be required to wear straw hats during the entire period of the contest.

The rodeo will start immediately after the K. S. A. C.-Iowa State baseball game.

This year's parade will show the historic development of Kansas farming and farming methods.

Students in agriculture are all wearing jumper and overall costumes this week, to advertise the fair.

HELM SHOW OPENS TUESDAY, LAST OF SPRING ART SERIES

Exhibit Will Be Hung in Architecture Galleries

An exhibition of water colors and etchings by John F. Helm, jr., will open in the college art gallery Tuesday, May 14, under auspices of the department of architecture. The exhibit will complete the department spring series. Professor Helm has been invited to show his work in eight national exhibitions from New York to Washington state, this year. The present home show will give Manhattan people opportunity to see the etchings and water colors which has been causing favorable comment by eminent artists and eastern papers.

Features of the exhibit in addition to nationally honored pictures will be dry point etchings, and unusual sketches made with colored pencils.

MANHATTAN STUDENTS WIN IN SCHOLARSHIP

GET PARCHMENT OFFERED IN K. S. A. C. CONTEST

Holton Takes Second, With Emporia Close Third—Georgia Belle Wilkerson Given Scholarship, Guilford Rallsbach \$75

Manhattan high school won first place and a parchment certificate for ranking highest in seven major subjects in the recent K. S. A. C. scholarship contest. It was a state wide contest conducted on the extension plan with examination papers mailed to the college, where the papers were graded.

Holton high school ranked second and also won a parchment award, while Emporia high school was a close competitor. In individual placings highest honors went to Georgia Belle Wilkerson, Grinnell high school; Guilford Rallsbach, Langdon high school; Marjorie Pyle, Manhattan; and Dean Hilfinger, Winfield.

INDIVIDUAL PLACINGS

Competing in seven major high school subjects Miss Wilkerson made the highest score to win a \$100 scholarship. Ranking second, Mr. Rallsbach won a \$75 scholarship. Other winners in this series of awards were Ralph Conrad, Manhattan, \$50 K. S. A. C. scholarship; Velma Vaughn, Medicine Lodge; George Boys, Linwood; and Marvey McCoy, Medicine Lodge, \$25 K. S. A. C. scholarships.

Ranking highest in any three of 18 specified high school subjects, Miss Pyle won a \$35 cash prize, while Mr. Hilfinger won \$25 and second place. Other winners in this series of awards were Norman Pederson, Horton, \$15; Frances Thrope, Medicine Lodge, \$10; Gladys Robbins, Horton, \$7.50; and Elsie Kruger, Holton, \$7.50.

Individual gold medals were awarded to the high ranking students in each of 25 high school subjects. Winners of the gold medals follow:

THE MEDAL WINNERS

First year English—Albert Faurot, Smith Center.
Second year English—Harriett M. Reed, Holton.
American history—Richard Boyle, Marysville.
Social civics—Vera Jemison, Healey.
First year algebra—Winifred Lowe, Horton.
Plane geometry—Oscar Williams, Emporia.
Physics—Ralph Conrad, Manhattan.
Third year English—Marjorie Pyle, Manhattan.
First year Latin—Norma Pederson, Horton.
Second year Latin—Marjorie Pyle, Manhattan.
First year French—Anna Beth Melinger, Emporia.
First year Spanish—Mildred Kirkpatrick, Arlington.
Vocational agriculture—Jay Hoch, Beverly.
World history—John S. Moore, Winfield.
Modern history—Moedell Meyer, Emporia.
General agriculture—Fidelis Wielert, Ness City.
Economics—Iva McCormick, Emporia.
Sociology—Harold Totten, Clifton.
Commercial arithmetic—Ronald Egert, Dighton.
General science—Helen Vicksburg, Talmage.
Biology—Helen Finley, Emporia.
Physical geography—Harriett M. Reed, Holton.
Physiology—Lucille Tilly, Frankfort.
First year home economics—Marlin Porter, Marysville.
Second year home economics—Dorothy C. Piper, Blue Rapids.

WILSON WINS SENIOR DAIRY JUDGING PRIZE

Potwin Boy First in Annual Contest—H. A. Goff, Manhattan, at Top in Junior Division

W. E. Wilson, Potwin, won the senior division prize in the twenty-second annual dairy judging contest held at the college last week. H. A. Goff, Manhattan, was first in the junior division competition. There were 66 entrants.

Wilson's score was 1,062 out of a possible 1,200. John Wilson, Wichita, was second with 1,042; H. R. Bradley, Kidder, Mo., third; Harris Houston, Potwin, fourth; Rodger Stewart, Vermillion, fifth. R. W. Stumbo, Bayard; W. W. Babbit, Hia-

watha; S. S. Bergsma, Lucas; J. A. Terrell, Syracuse, and Walter Powers, Netawaka, were the next five high.

J. A. Watson, Sedan, was first in judging Ayrshires; J. A. Terrell, Guernseys; W. E. Wilson, Holsteins, and George Gillespie, Welda, Jerseys.

In the junior contest Goff's score was 980. George Gillespie, Welda, was second and L. A. Peck, Soldier, third. Other ranking individuals were: D. L. Heath, Lamar, Col., J. A. Watson, Sedan; George Brookover, Eureka; S. E. Dale, Protection; E. S. Schultz, Miller; Paul Chilen, Miltonvale, and David Meall.

First prize in the senior division was a 16-inch silver loving cup, and in the junior division a folding camera.

MAY FETE THURSDAY, USE CAMPUS AS STAGE

Dancing Classes and Manhattan Children Will Give Production On Slope East of Anderson

The sloping green east of Anderson hall will be the scene of the annual May fete, starting at 6:30 o'clock Thursday evening. The fete is under direction of Miss Dorothy Sappington of the department of physical education. Members of the dancing classes and Manhattan children will take part. There will be no admission fee.

The story of the fete is built around the neglected statue of a dancer, in the forest on the edge of a village.

Those taking part in the dances are as follows:

Statue, Charlotte Remick, Manhattan; Negro chicken thief, Mary Bell Read, Manhattan; Peter Pan, Eva Mae Smalley, Kansas City; gypsy queen and swan, Margaret Canham, Kansas City. Skaters' waltz—Ruth Correll, Manhattan; Violet Holstine, Columbus; Mildred Huddleston, Manhattan; Imogene Lampe, Kansas City. Gypsies—Ann Annan, Beloit; Maurine Burson, Manhattan; Margaret Darden, Manhattan; Maxine Hawley, Manhattan; Helen Rust, Manhattan; Pauline Samuel, Manhattan; Beatrice Wood, Great Bend. Frieze—Maurine Burson, Manhattan; Margaret Darden, Manhattan; Maxine Hawley, Manhattan; Mary Bell Read, Manhattan; Helen Rust, Manhattan; Gladys Schmedemann, Manhattan; Beatrice Wood, Great Bend. Scarfs—Ruth Correll, Manhattan; Violet Holstine, Columbus; Mildred Huddleston, Manhattan; Imogene Lampe, Kansas City; Pauline Samuels, Manhattan; Adelaide Scott, Manhattan. Hamadryads—Lorraine Barrett, Topeka; Thelma Carver, Manhattan; Beth Cole, Norton; Hope Dawley, Manhattan; Maxine Hawley, Manhattan; Electa Hull, Manhattan; Alice McClelland, Topeka; Helen Wyant, Topeka. Peasant folk dancers—Thelma Carver, Manhattan; Lorraine Barrett, Topeka; Ann Annan, Beloit; Maurine Burson, Manhattan; Beth Cole, Norton; Margaret Darden, Manhattan; Maxine Hawley, Manhattan; Electa Hull, Manhattan; Alice McClelland, Topeka; Pauline Samuel, Manhattan; Beatrice Wood, Great Bend; Helen Wyant, Topeka. Town children—Helen Fitch, Georgie Thompson, Garnet Wilson, Jean Scott, Corrine Shore, Phyllis Brady, Ariel McKinney, Jane Haymaker, Mary Ellen Waller, Mary Jo Rhine, Betty Jean Clapp, Glen Adrians, Louis Raburn, Bob Wells, Charles Fairman, Vincent Di Nino, Jack Haymaker, Bobby Floersch, Robert Bryant, Eugene Martin, Lyle Falkenrich, Bob Bayles.

RAY HAHN NEW HEAD COACH FOR SOUTH DAKOTA MINERS

Former All Valley Tackle Takes Another Step Up

Ray Hahn, '23, has been made head coach of the South Dakota School of Mines, Rapid City, S. D., according to word reaching the college athletic office. For the past year he has been assistant to Arthur Stark at the Chadron State Teachers' college, Chadron, Neb.

Hahn was an all Missouri Valley conference tackle while in college. He was coach at Downers Grove, Ill., high school from 1923 to 1928. Hahn's home is at Clay Center, Kan.

Flies to Visit Son

Captain K. P. Mason, '04, army medical corps, flew to Manhattan recently to visit his son, R. P. Mason, sophomore in general science. Captain Mason is stationed at Chanute field, Rantoul, Ill.

GROUP INSURANCE HAS GOOD YEAR'S RECORD

AMOUNT IN FORCE GROWS DURING 12 MONTHS

Members of K. S. A. C. Teachers and Employees Association Carry \$693,000 Protection—Expect to Pay Dividends Soon

That the group insurance of the Teachers and Employees association of the Kansas State Agricultural college is a success seems apparent from the report made public by the board of directors at the close of the first year of operation.

More than two-thirds of a million dollars insurance is carried by members under the plan and the board anticipates a particularly successful second year. The insurance group was organized May 2, 1928, with 204 members. It is incorporated under the laws of Kansas and contracts with a standard insurance company for its insurance.

BASE AMOUNT ON SALARY

At the time of organization the members took group insurance totaling \$679,000. At the annual meeting April 23 the board of directors reported there were 201 members carrying \$693,000 in insurance. The amount carried by each member is based upon his salary and varies from \$2,000 to \$5,000. Monthly payments are made to the association through the college business office and state officials who deduct proper amounts from salary checks.

During the year for which the board of directors reported at the annual meeting, 17 members withdrew. Most of those were persons who put in applications prior to the organization of the group and then did not wish to continue after the organization was perfected. Twenty-two new members were added during the year and eight terminated their connection with the college, thereby terminating their connection with the association.

Ages of those leaving the association and of new members averaged almost identically. The new members carry more insurance than those who left the association and are young people, so that the association gained, in terms of comparative insurability of its risks, by the changes that occurred.

DIRECTORS MAKE REPORT

One of the problems considered at the annual meeting was distribution of dividends. The directors recommended adoption of a definite policy for distributing dividends. The recommendations follow:

"During the year there have been no losses. The amount of the dividends to be paid our association by the insurance company is unknown as yet. However, anticipating that there will be dividends, your board of directors recommends the adoption of the following policy in distributing dividends during the coming year:

1. Those who have discontinued their insurance for any reason before the dividend date are not entitled to participate in the dividends.

2. For those who have been in the group less than a year the dividends will be prorated on the basis of the number of months in which they have participated in the insurance.

3. Dividends shall be in proportion to the amount of insurance carried irrespective of age.

4. Dividends shall be paid by check accompanied by a letter explaining the actual cost of the insurance for the past year.

"Your board of directors is optimistic over the progress that has been made during the last year and considers the outlook for the coming years as particularly bright. The payment of dividends should make the insurance more attractive and an increased membership would seem probable during the coming year."

WILL PAY DIVIDENDS

The directors expect dividends to be received and distributed sometime before the last of May.

The affairs of the association are in charge of a board of directors consisting of seven members. The president and vice-president of the college are ex-officio members of this board. Re-elected members, all of whose terms expired this year, are R. A. Seaton, L. E. Call, R. R. Dykstra, R. R. Price, and W. E. Grimes.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT... Editor-in-Chief
C. E. ROGERS... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD... Alumni Editor
J. D. WALTERS... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, MAY 8, 1929

KNOWLEDGE FOR ALL

Knowledge is power. And more knowledge is necessary for power and success today than yesterday.

No mere wishing for what we want will bring it about. Not even hard work, blindly directed, will accomplish desired results. There are still some persons, imbued from their parents with an over optimistic faith in mere ambition, who expect good intentions and earnest efforts to be rewarded.

However, by and large, the present generation knows that it must know. At the same time we are almost overwhelmed with the stupendous amount of information we need to know if we are to "succeed" in realizing our ambitions. A lifetime seems not long enough for acquiring the known information in a single field.

The farmer needs not only to love the soil, but to know about its chemistry. He needs to know about fertilization, rotation, stock breeding, and the complicated economics of marketing, to mention only a few of the matters on which a successful farmer must have exact information.

His wife may love pretty clothes, may want a beautifully furnished home, may even have earned the money herself with poultry to afford to have what she wants. But this is not enough. She must know how. She must know principles of design, of color combination, of harmony of walls, rugs, pictures, and furniture to produce the attractive, livable, inspiring environment she craves.

What is the solution of the problem? Obviously we can't all go to school long enough to become specialists and experts. On the other hand we are no longer willing to learn through the hard knocks of experience, of trial and error.

We must turn to the specialists, the experts for advice and assistance. But they are expensive, unless their services are available free through state institutions such as the state agricultural colleges.

The knowledge that gives power is passed on to the people of the state through the college specialists of an institution, which is so organized that it serves not only the students who come to its campus but the citizens of the state in their own homes.

It is sometimes said that what is free is not appreciated. But the thousands of requests for information which come into the college each year seem to indicate that Kansas people realize that the college is giving them the knowledge which they need to realize their ambitions, to make their dreams come true.

POWER EASILY WON

A letter to accompany a gift copy of "A Scrap Book of Knowledge," quick and pleasant means of acquiring social prestige without the necessity of resorting to expensive dentifrices, mouth washes, or scented soaps.

There are living side by side today men of the machine age and men of the stone age. One man sits in his high powered car and travels as far in one day as he could travel afoot in a fortnight. He turns on an electric switch and produces as much flour, as many shoes, as many tons of coal in an hour as his grandfather could produce in a week. And yet there are men living next door to him, perhaps, who plod along, un-

aided by science and invention, with the dull thud of primal man.

There is one field of endeavor which, until now, has not enjoyed the benefits of machine economy. I refer to the art of being a gentleman of culture. Men still follow the methods of the ancient Athenians and Florentines. They read immense reams of printed matter, meditate by the hour, and slowly develop their faculties by discussion and writing. Men of the machine age should have no patience with such primitive inefficiency. Why should one read the writings of Epictetus, of Aristotle, of Montaigne, of Goethe, of Shakespeare, or of our own immortal Longfellow, when the wisdom of all the ages has been distilled into one small volume which may be read in an evening and thoroughly assimilated in a few minutes each day?

I wish to present to you this noble product of a machine intelligence, placed on the market by modern principles of salesmanship, furnishing in concentrated form all the vitamins and essential minerals of the higher life. Never again will you be obliged to wince in pain and humiliation, never again will you become brain-tied, in the dining halls of the intelligensia. Put the "Scrap Book" into your gas tank, open wide the throttle of self confidence, advance the spark of leadership, develop the steady gaze of mastership down the broad avenue of life, and woe betide the man who dares set foot in your pathway! Repeat to yourself slowly every day, "I will conquer."

THE BARN, MAN'S LAST REFUGE!

Now the feminine beautifiers of the Kansas State Agricultural college have started a campaign against the red barn. They urge a white barn or at least a buff and cream combination.

"Why not color harmony in the farm yard as well as in the house?" inquires Miss Maria Morris, the instructor in art, who directs this most recent effort to extend the dominance of woman from her improved, convenient kitchen, her sunlit dining room, her furniture grouped living room with its rest corner and other things that men wot not of, her bedrooms with the restful wall paper and grandmother's old dresser painted white.

Why not, indeed! The idea of a white barn is bad enough. But the idea of a white barn, white because a woman art instructor wants it white—

But a white barn will go better with the cows, she urges. Doesn't that sound like a woman? The black and white Holstein cattle "belong in front of white barns," this authority insists. While "the shrewd owner of the tan colored Jerseys, Ayrshires, or Guernseys can show off his herd to best advantage with a background of harmonizing tan buildings, trimmed in a lighter or darker shade."

Possibly so. In that event, it might be well to whitewash the meadow and exhibit Jerseys, Guernseys, and Ayrshires only in August when the pastures are tan to go with their pretty shades.

Have a care, Maria. The Kansas farmer has about reached the limit in yielding to women folks. They run the wheels off the car gadding to this function or that, eat themselves into misery at afternoon gatherings and bring home a can of something from the store to feed him. They wear their scandalous and expensive clothing, what there is of it. They "get away" with everything except murder, that being permissible only in New York and Chicago.

But let them be warned in time. The barn is the last remaining refuge of man. His house no longer is his castle. He knows it. The women folks run the house. "She does as she likes in the house and I do as I like in the barn," has been a formula for happy married life on the farm for generations.

Man still is sovereign at the barn, and in Heaven's name, Maria, let him paint it red if he desires.

—From the Topeka State Journal.

A SATISFYING LIFE

Life is more than self respecting adequacy in one's calling. It is because this basic fact was grasped by the founders of the Danish rural high school movement, and is thoroughly

understood by its present leaders, that that movement has been and is so successful. It is only too true that some of our rural reformers have not grasped this bojskole secret.

Like a parliamentary candidate who addressed our village the other night, their whole talk is of "prosperity." Young men and women know very well that their beings' end and aim is not prosperity. It is the root of the success of the Danish rural high schools, and the reason why they have done so much for agricultural progress in Denmark, that they teach nothing by which their students can earn a living. The bojskole directors know that before you can have good agriculture you must have, as farmers and farmers' wives, good men and women, men and women of character, fronting

later secretary of the college, visited here.

Prof. Olof Valley went to Kansas City to assist at a big concert in Convention hall given by the Swedish military band which was touring America by permission of King Gustav.

Claude C. Cunningham, '03, and May L. Griffing, '07, were married at the home of the bride. Mr. Cunningham was to be assistant in agriculture at the Fort Hays branch experiment station.

THIRTY YEARS AGO

The faculty social for March was at the residence of Professor Walters.

Harry Benson Gilstrap, '91, and Harriet Adelaide Patrick were married at Stillman Valley, Ill.

Two young Armenians were en-

Modern Editorial Not Opinion Only

Arthur Capper

The old time editorial writer, however effective for another age, would not fit well, and would not readily adjust himself in an age of widening knowledge and of bewildering change, even shaking to their foundations long held beliefs, and the sense which is the most basic of all, that with all the advancement made there is still vastly more to be learned than is dreamt of in his philosophy of positivism.

Naturally greater tolerance and good humor mark the present day editors. With no disparagement of the old time editors, who belonged to their age, the editors of today represent their times, and in a fashion corresponding to altered mental attitudes.

We need not disagree with George Bernard Shaw that no newspaper would leave the destiny of its country or even its city in the hands of its editorial writers who tell the people daily what ought to be done. No newspaper would leave the destiny of its country in the hands of any professional class. But we can also agree with the great London Times Paris correspondent, De Blowitz, that "one good comment is worth 10 informations," or with the distinguished former editor of the New York Evening Post, Horace White, that "a newspaper which merely inked over a certain amount of white paper each day might be a good collector of news; it might be successful as a business venture; but it could leave no mark upon its time, and could have no history."

There is an error in the common conception of the newspaper editorial as the medium merely for expression of opinion of the editor. The modern editorial is not opinion only. It includes analysis and clarification, often with no opinion given. To expound, to interpret, to clarify what is obscure, to abstract patterns, significance, and meaning from the chaotic medley of seemingly unrelated events—all this and more is a part of the function of the modern editorial.

And if it is said that the editorial writer plumes himself upon impressing only what is called "the few who think," on the other hand it may be a fairer statement to say that he credits his readers in general with ability to think and as entitled to his own best abilities in their service. He rightly leaves jazz and vaudeville to others.

life with some realization of its high possibilities and lovers of the country not only because it should be possible to get a living there, but because it should be possible to lead there a satisfying life.

In so many efforts for rural amelioration in our own and other countries the cart is so often put before the horse. Our aim is economic prosperity for agriculture, no doubt, and we cannot work too unremittingly or too thoughtfully at the job of bringing it about; but our highest aim of all is a higher rural civilization. If we do not keep that constantly before our eyes our efforts in the economic sphere can achieve but a moderate success. —From the Countryman.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Miss Jessie Machir attended a meeting of registrars in Chicago.

E. W. McCrone, B. S. '03, D. V. M. '07, was practicing veterinary medicine in Littleton, Col.

E. B. McCormick, former dean of the division of engineering came from Washington, D. C., for a visit at the college.

TWENTY YEARS AGO

W. H. Phipps, '95, first alumnus member of the board of regents and

rolled as students of the college. They intended to pursue postgraduate work for a number of terms to improve the methods of practical farming in their native country.

FORTY YEARS AGO

Students organized a baseball club of which Assistant Breese was president.

Warren Knaus, '82, editor of the McPherson Democrat, was one of the guests at the college social.

Mr. and Mrs. A. F. Thayer and H. P. Kinney, whose children were students here, visited the college.

Graduates present during the public hour were F. J. Rogers, '85; P. H. Fairchild and W. E. Whaley, '86; F. G. Kimball and E. A. Allen, '87; and J. R. Harrison, Abbie Marlatt, and E. F. Nichols, '88.

FIFTY YEARS AGO

The seniors and their friends were entertained at the home of Professor Ward.

The sermon to the graduating class was given by the Rev. A. C. Peck, of Lawrence.

Miss May Campbell celebrated her eighteenth birthday with a party at which eight couples were present.

When thou art at Rome, do as they do at Rome. —Diogenes.

WHEN I WAS PLUCKING DAFFODILS

B. Belle Little in American Poetry Magazine

When I was plucking daffodils,
Was plucking yellow daffodils,
I wondered not that spring went by
On swiftly flying feet;
My heart was glad that tiny rills
Were starting in the distant hills,
And even notes of whip-poor-wills
Were calling, passing sweet.

But now when summer days draw nigh,
When placid summer days draw nigh,
I cling to fragments of the spring
Like bits of treasured lace;
Oh, tender sunset in the sky,
Oh, yellow wing of butterfly,
Oh, scent of bloom the breezes blow by,
Delay your fleeting grace!

SUNFLOWERS

H. W. D.

HOPE CHIPS

The silvery lining is merely to remind us that the other side has been bright all the time.

The grave is very quiet. Not even the noise of fatuous thinkers uttering long-winded rationalizations penetrates. And the uproar about youth hurtling to the bowwows is silenced.

Less than two per cent of our troubles ever actually happen, but how we enjoy the other ninety-eight! There is really nothing to cry about.

At the very worst, life treats us much better than we deserve. Nobody could have arrived where he is without a lot of accidents, and considerable kindness on the part of those who have endured him.

No matter how hopeless earnest effort may seem, it remains its own causation and its own satisfaction, and it has no time to spend in whimpering.

It's a good thing, after all, that rain falls on both the just and the unjust. Otherwise the just would dry up and blow away.

Six out of every seven monogamous unions in America are broken only by death. Maybe that is what is the matter with marriage. What would you say if you heard some fool trying to keep young men from going into business because nine out of ten commercial ventures fail to pay out? Marriage's batting average is still twice what Babe Ruth's is, and eight times that of business.

The average length of life has increased several years during the last quarter of a century—and so far there hasn't been a single complaint, not even from the pessimists. They are happy about it because they have more time to convince themselves that it's all a big mistake.

You can always in-law your in-laws as hard as they in-law you. That takes most of the sting out of marriage.

And when you lose on the stock market, you can console yourself with the thought that the wife of the fellow who won probably took your measly two hundred away from him to make a first payment on something.

If you are unhappily single, you can look forward gaily to marriage. If unhappily you are not single, you can smile upon the approach of death.

If you are educable, you may be sure that something, somewhere, sometime will educate you. If you are not educable, you are already happy and content with what you don't know.

It is foolish for old age to worry about the frightful tendencies of contemporary youth. Each generation gets to eat its own oats, and also has the pleasure of worrying about the next crop.

After all, there is some good eating all the way around the hole in the doughnut. And frustration is only a few hours of sanity after many weeks of joyous anticipation.

The Cuban government has prohibited the beating of the African bongo drum. The restriction carries heavy penalties on the ground that the monotonous reverberations induce a state of savagery in ignorant listeners and a state of irritation in others.

—Life.

AMONG THE ALUMNI

Arthur H. Brewer, '21, is located at 1341 Maple avenue, Downers Grove, Ill.

E. M. Dobbs, '16, is manager of the Alameda county farm at San Leandro, Cal.

H. D. O'Brien, '11, has left Luray to locate in Romeo, Mich., for the practice of veterinary medicine.

Gordon W. Hamilton, '19, Chicago, visited his parents in Salina and friends at the college last week.

Helen (Halm) Ramage, '08, and Raymond Ramage, f. s., have recently moved to 1629 Chase avenue, Chicago.

Greta (Gramse) Hay, '19, writes that she will attend commencement this year. Mrs. Hay lives at Pasadena, Cal.

Helen Batchelor, '27, who has been attending the University of Chicago, is visiting at the home of her parents in Manhattan.

Sherman Hoar, '28, is organizing the county agent work in Ness county until a permanent agricultural agent can be obtained.

J. W. Hartley, '92, was recently elected president of the Riley county farm bureau. Mr. Hartley is a resident of College hill, Manhattan.

Kenneth Platt, '26, has been transferred from the Osage City creamery to the management of the Cooperative Creamery company at Linn.

Lieutenant Verne C. Hill, '25, has been ordered to duty in the Philippine Islands. For some time he had been stationed at Fort Bliss, Tex.

Paul L. Sites, '21, is appraisal engineer for the Armour Packing company with headquarters in Chicago. His address is 6940 Clyde avenue.

L. E. Woodman, '27, was recently promoted to the position of heating specialist with the Missouri Power and Light company, Kansas City, Mo.

Edward M. Johnston, '08, is statistician for the Texas livestock statistical bureau at San Antonio, Tex. He lives at 123 Parland place, San Antonio.

Harry Umberger, '05, dean of the division of extension at K. S. A. C., was recently elected president of the Manhattan Rotary club. Kenneth Chappell, '26, was reelected secretary.

W. H. Hilts, '18, was an important speaker before the Intermountain Livestock sanitary association meeting in Ogden, Utah, recently. Dr. Hilts practices veterinary medicine in Elko, Nev.

Mary (Jackson) Benninghooven, '27, and Rheim Benninghooven, f. s., have moved from Topeka to Milwaukee, Wis., where Mr. Benninghooven is employed as an engineer with the Republic Polimeter company.

Dr. John F. Bullard, former instructor in veterinary medicine at K. S. A. C., recently resigned his position with the Kentucky agricultural experiment station to accept a position with the Purdue university experiment station at Lafayette, Ind.

Other Aggie bankers who attended the banker-farmer school were E. O. Graper, '13, president of the Farmers' bank, El Dorado; J. E. Trembley, '97, bank director, Council Grove; and M. A. Limbocker, '95, Peoples National bank, Burlington.

A. P. Immenschuh, '14, is official veterinarian for the health department of San Diego, Cal., and makes his home at Santee, Cal. His staff includes four meat inspectors and one dairy inspector but in addition he looks after a herd of 150 purebred cattle on the San Diego county farm.

Prof. George A. Dean, '95, and Minerva (Blachly) Dean, '00, are visiting in California where Professor Dean is engaged in some official work for the United States department of agriculture. While at Gridley, Cal., they plan to visit Dr. R. W. Clothier, '97, and Elizabeth (Blachly) Clothier, f. s.

Carl Hartman, '28, and Dorothy (Wescott) Hartman, '28, will sail May 10 on the President Lincoln, for Manila, P. I., where they will both teach English in the schools of Manila. Mr. and Mrs. Hartman are visiting relatives and friends in Man-

hattan before leaving on May 5 for San Francisco.

Helen (Colburn) Ringo, '21, and Boyd R. Ringo, former K. S. A. C. faculty member, are receiving much favorable comment from music lovers of Tulsa, Okla., where they are members of the music faculty of Tulsa, university. A capacity audience greeted them in a recent piano recital, which the Tulsa World described in glowing terms.

MARRIAGES

BOESCHLING-LOHSE

The marriage of Miss Regina Boeschling, Hanover, to Mr. Perry Lohse, f. s., Waterville, took place recently in Alton. Mr. and Mrs. Lohse are making their home on a farm near Marysville.

ROSE-MILLER

Announcement has been made of the marriage of Miss Dorothy Pearl Rose, St. Marys, to Mr. Earl Ward Miller, f. s., Rossville, which took place recently in Manhattan. Mr. and Mrs. Miller are making their home near Rossville where Mr. Miller is manager of a stock farm.

BIRTHS

Fred A. Irwin, '23, and Mrs. Irwin announce the birth of their daughter, Phyllis Ann, on March 24. Mr. and Mrs. Irwin live at the Wareham hotel in Manhattan.

Jack Kennedy, f. s., and Alice (Carney) Kennedy, '24, announce the birth of their son, Thomas Joseph, on March 26. Mr. and Mrs. Kennedy live in Salina.

Geo. F. Branigan and Mrs. Branigan announce the birth of their daughter, Betty Luella, on April 1. Mr. Branigan is a member of the engineering faculty at K. S. A. C.

Raymond H. Davis, '27, and Hazel (Blair) Davis, f. s., announce the birth of their daughter, Bonnidell, on March 29. Mr. Davis is an assistant in the agronomy department at K. S. A. C.

Mr. Jesse H. Neal, '24, and Mary (Haller) Neal announce the birth of their daughter, Barbara Lorraine, March 3. Mr. and Mrs. Neal live at 1469 Hythe street, St. Paul, Minn. Mr. Neal is president of the North Star association of K. S. A. C. alumni.

DEATHS

JONES

Mrs. Arthur B. Jones of Wamego died in a Manhattan hospital on April 30 from pneumonia. She was the mother of Henrietta (Jones) Darby, '23, Manhattan and Agnes (Jones) Honeywell, f. s., Glasco. Burial was in Sunset cemetery.

McKOWN

C. S. McKown, 68, died at his home in Manhattan on May 2, after a three weeks' illness. He is survived by his wife, five daughters and one son. The son, Paul McKown, '22, is located at Forest Park, Ill. A daughter, Gladys, is a sophomore in home economics at K. S. A. C.

JOHNSTON

Charles S. Johnston, age 13, son of Harry W. Johnston, '99, and Mrs. Johnston, died on May 1 in a Manhattan hospital from basilar meningitis. Funeral services were held at the home in Manhattan. Burial was in Sunset cemetery. Besides his parents he is survived by two brothers and a sister. Wallace and Geraldine Johnston are sophomores at K. S. A. C.

LATZKE

Orrill Latzke, senior in industrial chemistry, died at the home of his parents in Manhattan on May 2, after an illness of about 10 days. He had been awarded a scholarship to do research work at the Mayo clinic in Rochester, Minn., and had planned to take up his work next summer. Besides his parents he is survived by two sisters, Alpha, '19, M. S. '28, and Esther, '19, M. S. '28. Burial was made at Manhattan.

LOOKING AROUND

KENNEY L. FORD

With commencement but three weeks away, local alumni are planning to welcome and entertain visiting alumni who return to K. S. A. C. at that time. The classes of '79, '84, and '89, will be guests of honor at the commencement exercises. These grads of 40, 45, and 50 years ago will be furnished caps and gowns and they will march in the academic procession to the auditorium where they will occupy a special reservation.

Harry C. Rushmore, '79, Kansas City, W. H. Sikes, '79, Leonardville, J. W. Bayles, '89, Howard, W. H. Olin, '89, Denver, and E. M. Paddleford, '89, Randolph, have just sent in their size, weight, etc., for the caps and gowns.

D. E. Bundy, Oketo, permanent president of the class of '89, spent a day on the campus recently preparing for '89 festivities during commencement week.

Mrs. J. W. Berry, '84, Manhattan, says that her brother, Geo. C. Peck, Jewell, has written that he would be present.

Dr. J. W. Evans, '94, Manhattan, has written two letters to his classmates with the hopes of having either their presence or a letter from them for the '94 reunion.

TERRELL AND WIER WIN HIGH JUDGING HONORS

One Hundred Twenty-eight "Ag" Students Participate in Annual Block and Bridle Event

J. A. Terrell, junior from Syracuse, scored highest in last Saturday's annual Block and Bridle stock judging contest at the college with 545 points of a possible 600. J. L. Wilson, sophomore of Geneva, was second with 529.

Others ranking in the senior division were Fred Schultis, 524; Paul Chilen, 520; Harry Paulsen, 512; Andrew Grimes, 503; Raymond O'Hara, 502; R. L. Rawlins, 488; R. W. Hoss, 482; William Lynn, 478; and G. R. Hansen, 478.

High men of the senior division on each class of livestock were J. A. Terrell, on horses; C. P. McKinnie, on cattle; Raymond O'Hara, on hogs; and J. L. Wilson, on sheep.

E. L. Wier was high man of the contest in the junior division with a score of 507 out of a possible 600. Other high placings were H. N. Stapleton, 495; G. R. Shier, 494; George Oberle, 493; Clark Milligan, 492; R. L. Ramsberg, 487; C. G. Thompson, 482; Max Wickham, 481; J. L. Latta, 480; G. L. Ellithorpe, 477; Henry Chiles, 477.

The three high men of each division were awarded gold, silver, and bronze medals, respectively, at a banquet given in their honor by the Block and Bridle club Monday night in the college cafeteria. Fountain pens were given to the high individual in each class of livestock in both divisions, and automatic pencils were given to those placing fourth, fifth, sixth, and seventh in the junior division of the contest. Life subscriptions to the Breeder's Gazette were given to others placing among the first 15 in the junior division.

Contestants numbered 128 in the two divisions.

FOLGER OFFERS CASH AID TO WINNING 4-H LEADERS

Scholarships of \$150 Each Will Be Given Annually

Two new 4-H club scholarships, known as the Folger scholarships, are to become available this fall to a Kansas boy and girl who are most outstanding in leadership work. Amount of the scholarships is \$150 each and they must be used in pursuance of any full term course at the Kansas State Agricultural college.

In announcing the scholarships the J. A. Folger company of Kansas City said they will be offered annually, one to the highest ranking girl—one to the highest ranking boy. Alternates will be named to receive the donations in case the winners do not utilize the scholarships.

The 4-H emblem stands for training of the head, the heart, the hands, and the health.

Lost, Strayed, Stolen?

Three lost members of the class of 1899 are wanted to attend the thirtieth anniversary gathering of their class at the college during commencement week, according to Harry W. Johnston, '99. Their names and the addresses from which mail was returned unclaimed are as follows: Albert Edwin Blair, 162 Ponce de Leon, Atlanta, Ga.; Lot Parker Keeler, Ottawa; Louise M. Spohr, c/o San Francisco hospital, San Francisco, Cal., also Sacramento, Cal.

VET MEDICAL GROUP HOLDS ANNUAL BANQUET

Speakers Tell of Profession's Importance in Welfare of Nation—Divisional Award Winners Announced

Future members of the veterinary medical profession were urged to develop an avocation to supplement their vocation, in an address by President F. D. Farrell before the annual banquet of the Veterinary Medical association, Hotel Wareham, May 1. President Farrell cited instances of civic leaders in Manhattan and elsewhere whose avocations have been a great aid to enjoyment of life and community betterment.

Other speakers were Captain William H. Dean, Fort Riley, and Prof. J. B. Fitch, of the college.

R. W. Mohri, '29, was toastmaster. Talks were made by students representing the various classes, as follows: J. L. George, '32; W. J. Price, '31; W. W. Bertz, '30; F. E. Henderson, '29.

Announcement of winners of veterinary certificates and prizes was made by Dr. Ralph Ralph Dykstra, dean of the division. Included were the Jensen-Salsbery prizes, donated by the Jensen-Salsbery laboratories of Kansas City, Mo., and the Schmoker prizes, given by Dr. E. A. Schmoker, '17, Everett, Wash. Names of the winners are included in the article on recognition day services, elsewhere in this issue.

LEAVES HIGH SCHOOL POSITION FOR 50,000 MILE WORLD TOUR

H. D. Sappenfield, '26, Goes With Associated Chautauquas

H. D. Sappenfield, '26, has resigned as instructor in English, dramatics, and journalism at Cherryvale high school, to go with the Associated Chautauquas of America. His circuit will take him up the Atlantic coast this summer.

At the end of the season Mr. Sappenfield will start on a world tour covering some 50,000 miles, to gather material for an illustrated lyceum and chautauqua lecture. His itinerary will take in all major European countries including Russia, and India, Siam, China, Japan, the Philippines, Australia, and South America.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 12 Aggies 8, K. U. 6, at Lawrence
Apr. 13 Aggies 6, K. U. 7, at Lawrence
Apr. 26 Aggies 3, Missouri 2
Apr. 27 Aggies 11, Missouri 10
May 3 Aggies 2, Nebraska 3
May 4 Aggies 0, Nebraska 1
May 10 and 11—Iowa State at Manhattan
May 15 and 16—Oklahoma at Manhattan
May 17 and 18—Nebraska at Manhattan
May 28 and 29—K. U. at Manhattan

COMMENCEMENT WEEK

Class Reunions

'79 '04
'84 '09
'89 '14
'94 '24
'99 '29

SUNDAY, MAY 26

8:00 p. m. Baccalaureate, College auditorium.

MONDAY, MAY 27

Class Day Exercises
7:30 a. m. Breakfast for senior women by Mortar Board, college cafeteria.

TUESDAY, MAY 28

Alumni Day
1:30 p. m. Dedication of war memorial, recreation center.
2:00 p. m. Alumni business meeting, recreation center.
6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

WEDNESDAY, MAY 29

Commencement Exercises
9:30 a. m. Academic procession.
10:00 a. m. Graduation exercises.

RECENT HAPPENINGS ON THE HILL

C. J. Carjola, instructor in the department of architecture, has resigned his position, effective at the close of the spring semester.

Stanley J. Holmberg, Stillwater, Minn., cadet lieutenant colonel, has received an appointment as second lieutenant in the United States Marine corps.

H. E. Wichers of the college department of architecture is in charge of the Manhattan Better Homes exhibit, in the community house May 15, 16, and 17.

The sophomore class plans to undertake campus beautification through the planting of shrubbery so as to close the paths in the vicinity of Nichols gymnasium.

R. H. Lush, assistant in dairy husbandry on leave of absence to do graduate work at Wisconsin university, has resigned to take a position at Louisiana State university.

The intramural outdoor track meet last Friday and Saturday was won by the Lambda Chi Alpha fraternity. Phi Kappa Tau was second and Delta Tau Delta third. Five meet records were broken.

AGGIE BASEBALL NINE DROPS TWO TO HUSKERS

Heavy Hitters Fail to Hit and Nebraska Takes First Game 3 to 2—Second a 1 to 0 Pitchers' Battle

The baseball championship machine piloted by Coach C. W. Corsaut and Captain Kirk Ward suffered two punctures while on a tour to Lincoln, Neb., last week end.

As the society editors say, "good baseball was played by both the Nebraska and Aggie teams," but in both instances the Huskers came out one run ahead.

In the first game Henry Barre of Tampa pitched well and craftily for eight innings, and his mates garnered a run in the second and another in the sixth for a 2 to 0 lead. Nebraska had only three hits until the fatal ninth. Then Mr. Armatis and Mr. Maser of Nebraska singled, and Mr. Keyes sacrificed. Mr. Betts, of Nebraska, was ingloriously thrown out at first, but Mr. Witte, who plays football, knocked a triple to tie the score.

Then young Mr. Grace, another footballist, singled to score Witte.

The score by innings:

| | R | H | E |
|--|---|----|---|
| Aggies | 0 | 10 | 0 |
| Nebraska | 0 | 0 | 0 |
| Batteries—Barre and Meissinger; Pickett and Snygg. | | | |

In the second game T. E. (Lefty) Doyle let Nebraska down with four hits, and the Aggie "murderer's row" of batters was as impotent as it had been the day before, and likewise got four hits.

In the fifth, Witte of Nebraska got to second and Armatis, Nebraska pitcher, sent him home with a two base hit. It was the only run of the 1 to 0 game.

In the sixth three Aggies were walked with no one out. Forsberg was caught at home on Nigro's bunt, McCollum struck out, and Evans was caught trying to steal home.

The score by innings:

| | R | H | E |
|--|---|---|---|
| Aggies | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 |
| Batteries—Doyle and Meissinger; Armatis and Halbeisen. Umpire, J. D. Godsey. | | | |

GLASSLESS MILK 'BOTTLE' RECENT CALVIN HALL EXHIBIT

Cool Weather Doesn't Faze New Paper Containers

No longer will your milk man waken you at the crack of dawn with a clatter of milk bottles, for now the better milk man slips up the walk and places a noiseless paper bottle on your door step.

Miss Martha Pittman, professor in food economics and nutrition, has been displaying an exhibit of paper milk bottles in Calvin hall. They are guaranteed to withstand cool weather, the milk won't ooze out of the top when the thermometer drops below freezing, and the store can't charge a nickel for them.

FT. HAYS TESTS DEAL WITH ROUGHAGE COSTS

PRELIMINARY REPORT MADE AT ANNUAL ROUNDUP

Ensiling Kafir Apparently Increases Returns Per Acre as Does Grinding—Cottonseed Cake Fed Yearlings as Protein Supplement

Study of the cheapest forms in which roughages may be fed to stock cattle was the basis of experimental work reported at the annual Ft. Hays branch agricultural experiment station farmers' roundup this spring. It was in response to many inquiries as to the best method of feeding roughages—the basis of wintering rations for stock cattle—that the experiment station made a study of the problem one of the major phases of the 1928-29 experiments.

Ten lots of cattle, each containing 10 yearling steers, were used. Each lot was fed 1 pound of cottonseed cake per head per day as a protein supplement. In addition, each lot received kafir roughage as follows: lot 1, whole kafir fodder; lot 2, kafir fodder cut in small lengths with a silage cutter and designated chopped kafir; lot 3, kafir fodder ground; lot 4, kafir fodder silage; lot 5, kafir stover (heads removed); lot 6, kafir stover (heads removed) cut in small lengths with a silage cutter; lot 7, kafir stover (heads removed) ground; lot 8, kafir stover (heads removed) silage; lot 9, kafir hay; lot 10, kafir hay ground.

REPORT IS PRELIMINARY

The report made at the roundup as only a preliminary one since other detailed tests will be conducted. On the basis of 1928-29 results, however, the following observations were made:

Chopped kafir fodder produced less gain per acre than whole kafir fodder. The same was true in the case of kafir stover.

Ground kafir fodder produced 93.47 more pounds of gain per acre than whole kafir fodder. Giving this additional gain a value of \$12.50 per cwt., which is approximately the present value, it is worth \$11.68. The cost of grinding after delivery to the grinder was \$1.68 per acre, leaving an advantage of \$10 per acre for ground kafir fodder over whole kafir silage.

Kafir fodder silage produced 238.64 more pounds of gain per acre than whole kafir fodder. Giving this additional gain a value of \$12.50 per cwt. it is worth \$29.83 per acre. The cost of ensiling after delivery to the cutter was 40 cents per acre, leaving an advantage of \$29.43 per acre for Kafir fodder silage over whole kafir fodder.

SILAGE BEATS FODDER

Kafir fodder silage produced 145.17 more pounds of gain per acre than ground kafir fodder. Giving this additional gain a value of \$12.50 per cwt. it is worth \$18.15. Since the grinding cost \$1.28 per acre more than ensiling, the returns from an acre of kafir fed in the form of kafir fodder silage may in this test be considered to be worth \$19.43 more per acre than kafir fed in the form of ground kafir fodder.

Ground kafir stover produced 15.19 more pounds of gain per acre than whole kafir stover. Giving this additional gain a value of \$12.50 per cwt. it is worth \$1.90. The cost of grinding was \$1.28 per acre, leaving an advantage of 62 cents per acre in favor of grinding.

Kafir stover silage produced 118.71 more pounds of gain than whole kafir stover. Giving this additional gain a value of \$12.50 per cwt. it is worth \$14.84. The cost of ensiling was 31 cents per acre, leaving an advantage of \$14.53 per acre in favor of ensiling.

Kafir stover silage produced 103.52 pounds more gain per acre than ground kafir stover. Giving this gain a value of \$12.50 per cwt. it is worth \$12.94. Since the cost of grinding was 97 cents per acre more than ensiling, kafir stover silage showed an advantage of \$13.91 per acre over ground kafir stover.

Ground kafir hay produced 43.44 more pounds of gain per acre than whole kafir hay. Giving this gain a value of \$12.50 per cwt. it is worth \$5.43. The cost of grinding kafir hay was \$3.11 per acre, leaving an advantage of \$2.32 per acre in favor of grinding kafir hay.

Ensiling kafir stover increased re-

turns per acre over grinding more than grinding increased returns per acre over whole kafir, the increase from grinding being \$10 per acre; from ensiling, \$29.43 per acre.

Ensiling kafir stover increased returns per acre over grinding more than grinding increased returns per acre over whole stover, the increase from grinding being 62 cents per acre; from ensiling, \$14.53 per acre.

It should be emphasized that all the above observations are based upon the cost of preparation after the feed was delivered to the grinder or silage cutter and do not include overhead charges which vary so greatly that an attempt to include them in this discussion would be of little value.

CALCIUM UNNECESSARY IN ROUGHAGE RATION

But May Be Needed if Grain Is Fed With Comparatively Little Bulky Feed

Part two of the wintering ration experiments conducted at the Ft. Hays branch agricultural experiment station dealt with the value of adding calcium carbonate in the form of finely ground limestone to a stock cattle ration consisting of silage and cottonseed meal.

Three lots of native calves were used. Each lot was fed all the kafir silage it would eat and one pound of cottonseed meal per head per day. Lot 1 was fed no ground limestone, lot 2 was fed 1-10 of a pound of ground limestone per head per day on the silage, and lot 3 was given free access to a mixture of ground limestone and salt half and half. Lots 1 and 2 also had free access to salt.

The report of the experiment said:

The difference in the gains of the steers in the different lots—132.3 pounds in lot 1; 140.2 pounds in lot 2; 152.6 pounds in lot 3—are not significant. The leaves of the kafir plant contain at least 15 times and the stalk at least 5 times as much calcium as the grain. The large amount of leaves and stalks in the quantity of silage fed would seem to have supplied almost enough calcium to meet normal body requirements and that when liberal amounts of silage, fodder, stover, or legume hay are incorporated in a stock cattle ration it may not be necessary to add calcium to the ration fed.

On the other hand, when large amounts of grain and comparatively small amounts of silage, fodder, stover, or legume hay are fed it will be advisable to add calcium to the ration, preferably in the form of ground limestone.

TESTS SHED LIGHT ON SILAGE CUTTER COSTS

Speed and Condition of Knives Have Greatest Effect On Electrical Energy Required

Part three of the Ft. Hays experiments dealt with the energy requirement, capacities, and characteristics of the cutters and grinders employed in processing the feeds used in phase one of the experiment. A series of tests was run on different ensilage cutters and hammer mills.

Four ensilage cutters of the fly-wheel type were used. They were equipped with 3 knives each and were driven by a 10 h. p. electric motor. These included: A—Blizzard (new), B—Papec (new), C—Rumely (2 years old, having cut approximately 1,000 tons of silage), and D—Gehl (new). The Blizzard and Gehl had 13 inch throats, while the Papec and Rumely had 15 and 16 inch throats respectively. Studies were made of the total energy consumption, speed of operation, capacity, and the effect of dull knives.

Four mills, all of different types, were used for doing the grinding. A was a No. 244 Letz combination knife and burr mill. It was the only mill used having a conveyor type feed table. B was a No. 20 Blue Streak hammer mill having triple reduction: First, a set of knives; second, swinging discs; and third, swinging hammers. C was a 13 inch Papec hammer mill of the rigid hammer type having a governed feed roll. D was a No. 2 Jay Bee Humdinger hammer mill having swinging hammers.

All mills were equipped with blower type elevators and dust collectors. They were operated with a 25 h. p. electric motor. Studies were made of the total energy consumption, characteristics of the mills, and capacities. Results of the tests, conducted by Prof. Roy Bainer, K. S. A. C., were reported in the following observations:

The most important single factor affecting the energy requirements of the ensilage cutters was the speed at which the elevating fan was operated. If the speed was excessive, energy was wasted in overcoming air friction. Four hundred to 550 r. p. m., when maintained, was sufficient speed to operate any of the cutters while elevating into a 40-foot silo.

Sharpness of knives was next in importance in the operation of the ensilage cutters. The energy for cutting kafir silage into 1-4 inch lengths increased approximately 1 per cent for every ton load that passed through the cutter. The increase in power consumption was 35 to 60 per cent for dull knives over sharp ones, de-

pending upon the material cut. There was a greater tendency for the knives to dull when the cutter was operated at the higher speeds, due to the greater impact with which the knives hit the bundles.

The capacities of the cutters varied from 5 to 15 tons per hour, using a 10 h. p. motor. The amount cut depended upon the condition of the material and the length cut. The capacity increased about 35 per cent for a 1-2 inch cut over a 1-4 inch cut.

Two men were required to operate the hammer grinders—one to cut bands, divide bundles and place them within reach of the feeder, while the other did the feeding. On the other hand, only one man's time was required for feeding the combination grinder because of the excellent feed table with which this mill was equipped. The cost of grinding was about 70 per cent greater for the hammer type mills than for the combination knife and burr mill.

A 1 inch screen was used in each of the hammer grinders. The finished product from each mill was reduced to practically the same fineness.

It was necessary to grind feed twice a week, because of the poor keeping qualities of the ground feed.

Capacities for the different mills varied from less than 1 ton to 2.5 tons per hour, depending upon the nature and condition of the feed.

It was impossible to maintain uniform feeding into those mills which were not equipped with some type of feeding mechanism. Consequently, due to this unevenness of feeding, the average capacities secured were not the maximum.

GOLFERS LOSE MATCH, FIRST IN FOUR YEARS

Washburn Team Wins On Topeka Links, 9-1-2 to 8-1-2—Erwin of Washburn Low Man

A Kansas Aggie golf team lost a match for the first time in history last Saturday. Washburn college turned the trick, 9-1-2 to 8-1-2, on the Topeka course.

Four years ago M. F. (Mike) Ahearn organized the first Aggie links team. It went through the season undefeated, and those of the next two seasons did likewise. This year the Wildcat golfers defeated St. Marys twice, Kansas City Junior college, Wichita university, Baker, and Washburn each once.

TWO HELM ETCHINGS BOUGHT FOR LINDSBORG COLLECTION

Smoky Hill Art Club Acquires Two Dry Points

The Smoky Hill Art club, whose members live in and near Lindsborg, has purchased two dry point etchings by John F. Helm, jr., for its permanent collection which hangs in a Lindsborg campus building.

The two prints, Shanty Town, suggested by a Russian district in Lincoln, Neb., and Mon-treuil-sur-Mer, a scene in Picardy, were a part of the art exhibit shown in Lindsborg during the recent Messiah festival. Prominent middle western artists were invited to show their work in this exhibition which is becoming an important part of the famous Lindsborg week of art. The Christian Science Monitor gave a column to the showing this year.

Besides Professor Helm, Birger Sandzen of Lindsborg, Ernest Lawson of the Kansas City Art Institute, Albert Bloch of the University of Kansas, John S. Ankeny of the University of Missouri, Oscar B. Jacobson of the University of Oklahoma, B. J. O. Norfeldt of Santa Fe, N. M., May Hoelscher of Aurora, Ill., E. L. Davison and C. A. Seward of Wichita, were "the notable exhibitors," according to the Monitor.

At present five of Professor Helm's etchings hang in the first annual Northwest Printmakers' exhibit held at the University of Washington in Seattle.

AGGIES TO LINCOLN SATURDAY TO MEET HUSKERS ON TRACK

Wildcats Strong in Weight Events and Distance Races

The Kansas Aggie track team will meet Nebraska university at Lincoln Saturday afternoon. Advance "dope" would indicate about the same relative strength of the two teams as the Aggie and Kansas university squads.

JAYHAWKS WIN TRACK DUAL MEET 92 TO 39

LYON SETS NEW COLLEGE DISCUS AND SHOT RECORDS

University Sweeps Short Dashes and Broad Jump, While Aggies Take All Places in Javelin—Dodd Is High Point Man

The Kansas university track team ran and jumped its way to a 92 to 39 victory over the Kansas Aggies in their dual meet on stadium field last Saturday. The Jayhawks swept the 100 and 220 yard dashes and the broad jump, while the Aggies took all three places in the javelin. The Aggie team was superior in the weight events, but there weren't enough of the latter.

Two college and two university records were broken, and a university record tied.

In the shotput George Lyon, Manhattan, got 47 feet 6-1-4 inches to break his own record of 45 feet 4 inches, and in the discus Lyon got away a throw of 138 feet 9-1-2 inches, shattering his record of 135 feet 8 inches made the previous Saturday at Drake.

Dodd of the university was high point man with a first in the high hurdles, a tie for first in the high jump, and second in the low hurdles. The only upset of the meet was in the high jump where O. H. Walker of the Aggies, a consistent 6 foot man, went out at 5 feet 8 inches. University records were broken in the half mile and quarter mile, and tied in the low hurdles.

An expected race between H. S. Miller of the Aggies and Frazier of the university in the mile did not materialize, as Frazier was entered only in the two mile.

The summary:

100 yard dash—Won by Jones, K. U.; second, Rooney, K. U.; third, Sickel, K. U. Time 10-1-10 sec.
220 yard dash—Won by Rooney, K. U.; second, Mize, K. U.; third, Powell, K. U. Time 22-2-10 sec.
440 yard dash—Won by Jones, K. U.; second, Winburn, Aggies; third, Shannon, K. U. Time 49-2-10 sec. (New K. U. record. Old record 49-7-10 sec.)
Two mile run—Won by Saureman, K. U.; second, Frazier, K. U.; third, Miller, Aggies. Time 9 min. 57 sec.
220 yard high hurdles—Won by Mize, K. U.; second, Dodd, K. U.; third, Holt, Aggies. Time 25 sec. (Ties old K. U. record.)
Half mile run—Won by Hinshaw, K. U.; second, Youngman, K. U.; third, Winburn, Aggies. Time 1 min. 58-5-10 sec. (New K. U. record, old record 1 min. 58-6-10 sec.)
Mile relay—Won by K. U. (Shannon, Sickel, Mize, and Powell.) Time 1 min. 31-3-10 sec.
High jump—Beardsley and Dodd of K. U. tied for first at 5 ft. 9 in.; Walker, Aggies, third.
Shotput—Won by Lyon, Aggies (47 ft. 6-1-4 in.); second, Ward, K. U. (43 ft. 4 in.); third, Smith, Aggies. (New K. S. A. C. record. Old record 45 ft. 4 in.)
Pole vault—Trueblood and Wallingford of K. U. tied for first at 11 ft. 6 in.; third, Livingston, Aggies.
Discus throw—Won by Lyon, Aggies (138 ft. 9-1-2 in.); second, Ward, K. U. (127 ft. 6 in.); third, Hinkle, Aggies. (New K. S. A. C. record, old record 135 ft. 4 in.)
Broad jump—Won by Wallingford, K. U. (21 ft. 9 in.); second, Benton, K. U. (20 ft. 4 in.); third, Parker, K. U.
Javelin throw—Won by Livingston, Aggies (177 ft. 11 in.); second, Richardson, Aggies (170 ft. 8 in.); third, Smith, Aggies.

SOONERS LEAD DIAMOND RACE, KANSAS TEAMS DROP TO THIRD

Nebraska Trims Aggies While Missouri Humbles University

The two Kansas teams were rudely tumbled out of their tie for first place in the conference baseball race last week, Nebraska buffeting the Aggies twice while Missouri did the same to the university.

This week the Aggies will be hosts on Friday and Saturday to Iowa State college, now in last place through having lost its only conference series played to Kansas university.

The veteran Ames team plays six conference games on its present road trip, to make amends for a late start.

Oklahoma went into first place during the past week, without playing a game.

BIG SIX STANDINGS

| | W. | L. | T. | Pct. |
|---------------|----|----|----|------|
| Oklahoma | 2 | 1 | 1 | .667 |
| Missouri | 5 | 3 | 0 | .625 |
| Kansas Aggies | 3 | 3 | 0 | .500 |
| Kansas U. | 3 | 3 | 0 | .500 |
| Nebraska | 2 | 3 | 1 | .400 |
| Iowa State | 0 | 2 | 0 | .000 |

It is easier to kill weeds when they begin to grow than when they are big and tough.

PROGRESS OF KANSAS PRESS

F. E. C.

Ole Buck, secretary and field manager of the Nebraska Press association, is the author of an interesting little booklet, "Running a Newspaper," which, as the flyleaf says, is "some things worth thinking about for publishers of newspapers and job printers." Buck pictures the transition from the horse and buggy days of country newspaper making to the modern method, and discusses news, advertising, front office, editorials, personal contacts, and the job department. Any busy editor should get helpful ideas from the booklet—published by Porte Publishing company, Salt Lake City.

Among a few afterthoughts included in Ole Buck's booklet is this one:

Whatever you do, never, no never, not ever hardly ever, refer to your place of business as a "shop," yourself as a "print," or the newspaper business as a "game," and shoot on the spot, without being particular what spot you hit, the person who calls you a "community" editor, and your paper a "community" paper.

Buck says sentimental folks want to replace the ancient and honorable title "country editor" with the term "community editor" and offers a 2-oz. bottle of trackwalker's delight to anyone who will find a real meaning to the new title in the sense that it is supposed to be used.

We are willing to wager a 2-oz. bottle of the same t. w.'s delight that it is for sentimental reasons that the Nebraska secretary wishes to hang onto the title country editor. Really,

there is nothing faulty about it except that it may be a bit too narrow. It calls to mind that long since departed editor with a shirt tail full of type—the printer who moved into town one day and published a paper the next.

The title country editor adequately covers only a part of the activities of thousands of bustling little community papers in towns of 500 to 25,000 population. So far as the rural activities of such papers are concerned the term country newspaper fits very well. But there is in most of these communities an element of the public that has no more interest in rural things than grandmother has in aeroplanes. This element is catered to by the wise editor—the one who provides news for the farmer, the merchant, the professional man, the children, and the high toned wife of the banker who is interested only in society and club news.

The term community newspaper implies that material of interest to all is printed. The paper covers farm, church, railroad shop, mill, factory, business, society—prints every interesting worthwhile thing that happens to persons in what the paper calls its territory or, whether you like it or not, its community.

There is no special sentiment attached to the title "community editor." It is only a logical, meaningful substitute for a title that per-adventure has gone out with the horse and buggy and the journeyman printer.

THE KANSAS INDUSTRIALIST

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Number 30

SUMMER ENROLMENT TO START MAY 31

SECOND SESSION FROM JULY 5 TO
AUGUST 1

Minnesota University Head to Deliver
Commencement Address—Pageant,
Play, Lectures, and Superinten-
dent's Courses Are Scheduled

A series of public lectures on widely varying subjects, a school play and pageant, courses taught by four well known city school superintendents, and a commencement address by President L. D. Coffman of Minnesota university are prominent features of the eight weeks summer school of the Kansas State Agricultural college which begins May 31.

The engagement of the Minnesota university head as the commencement speaker was announced yesterday by Dr. E. L. Holton, dean of summer school, as was the date of June 28 for the summer school play, to be under the direction of H. Miles Heberer.

HEAR VARIED LECTURES

This year, as two years ago, the college and community of Manhattan will join in producing an elaborate patriotic pageant of different material but of similar scope of the 1927 pageant when more than 900 persons took part. The pageant will be under the direction of M. Osceola Burr.

The public lectures are aimed to give general information in numerous fields of learning, according to the summer school bulletin and, though not technical, will be scholarly and authoritative.

Registration for summer school is unusually early this year, the first session beginning May 31 and running to August 1. The short second session runs from July 5 to August 1. In recent K. S. A. C. summer sessions about 1,000 students have enrolled.

Commencement exercises will be held in the evening, July 31. Last year there were 88 bachelor of science degrees and 28 master of science degrees conferred. One professional engineering degree was conferred. The number this year should be approximately the same, according to indications from the registrar's office.

FOUR VISITING INSTRUCTORS

Four visiting school superintendents will offer courses in school management and the problems of the principal. The four city superintendents chosen are William E. Sheffer, M. A., Manhattan; James W. Gowans, A. M., Hutchinson; William S. Heusner, A. B., Salina; and James H. Clement, A. M., Independence. The instructors alternate in teaching the several classes in two week intervals. In addition, a dozen regular education department staff members collaborate to offer 35 varied courses in the field of education.

Superintendent Sheffer also offers a course in educational administration.

The scheduled public lectures follow:

- June 3—The New Status of Community Organization, Walter Burr, professor of sociology.
- June 5—Some Agricultural Fallacies, R. I. Throckmorton, head of department of agronomy.
- June 7—Items of Interest in the Field of Pageantry, Osceola Burr, assistant professor of public speaking.
- June 10—Murals and Sculpture in Kansas, Araminta Holman, head of department of applied art.
- June 12—Human Motives, P. P. Brainard, associate professor of psychology.
- June 14—The Design of the Kansas Home, H. E. Wichers, assistant professor of architecture.
- June 17—Our Changing Farm Business, W. E. Grimes, head of department of agricultural economics.
- June 21—The Real John Brown, F. L. Parrish, associate professor of history.
- June 24—Romance of Modern Physics, W. R. Brackett, associate professor of physics.
- June 26—American Ideals in Recent Fiction, A. W. Breeden, associate professor of English.
- June 28—Can One Buy Intelligently in the Modern Market? Myrtle Günselmann, assistant professor of household economics.
- July 1—School Revenues: Their Origin and Expenditure in Kansas, Harold Howe, assistant professor of agricultural economics.
- July 3—The Mechanism of Sex De-

termination, D. C. Warren, associate professor of poultry husbandry.

July 5—Beauty in Our Schools, Ethel Arnold, assistant professor of applied art.

July 8—Greek Mathematics, A. E. White, professor of mathematics.

July 10—What Do We Eat? C. W. McCampbell, head of department of animal husbandry.

July 12—Measurement of Results in Health Education, Jean Dobbs, assistant professor of household economics.

July 15—The Old Stump and the New Radio, H. T. Hill, head of department of public speaking.

July 17—An Hour at the Bureau of Standards, Katherine Hess, assistant professor of clothing and textiles.

July 19—Hereditry and Human Affairs, R. K. Nabours, head of department of zoology.

July 22—Some Problems in Vocational Guidance, C. V. Williams, professor of education.

July 24—Clothes: A Means of Deception, Lillian Baker, head of department of clothing and textiles.

July 26—The New British Empire, E. V. James, professor of history and civics.

July 29—Pioneer Life in the American Novel, J. P. Callahan, assistant professor of English.

TWO OF FOUR ESSAY PRIZES TO K. S. A. C.

Helen Hemphill, Clay Center, Wins
Jayhawk College Contest—Helen
Sloan, Hutchinson, Is Third

First prize in the Kansas college writers' contest of Jayhawk, the magazine of Kansas, was won by Helen Hemphill, Clay Center, a junior in the department of industrial journalism at the college, according to announcement in the May issue. Judges were E. E. Kelley of the Topeka Daily Capital; Nelson Antrim Crawford; George P. Morehouse, secretary of the Kansas Authors' club, and A. Harry Crane, editor of the Jayhawk magazine.

Third place in the contest was won by Helen Sloan, Hutchinson, sophomore in journalism at K. S. A. C. Miss Hemphill's subject was "The Kansas Country Editor," and Miss Sloan's, "Biography in a New Setting." Ingrid Wetterstrom of Bethany college, Lindsborg, was second, and Sue Marie Ganson, McPherson college, fourth. The prizes were \$50, \$25, \$15, and \$5. Miss Hemphill's article is published in Jayhawk for May.

4-H Clubs Meet in June

June 3 to 7 are dates reserved on the Kansas State Agricultural campus for the annual statewide 4-H club roundup. Programs and information will be furnished from the office of M. H. Coe, state club leader, K. S. A. C., Manhattan.

EXPERIMENT STATION STUDIES NEW GRASS

'CALOMAGROSTIS EPIGEIOS' IS VIG-
OROUS PLANT

Imported from Manchuria, It Appears
to Have Unusual Possibilities in
American Soil—Grows Fast,
Is Drought Resistant

A new grass, Calomagrostis epigeios, imported from Manchuria, China, is being used in experiments by Prof. A. E. Aldous, in charge of pasture improvement work for the Kansas agricultural experiment station. Professor Aldous declares the grass is unusually vigorous and may be of importance in Kansas if it is found to be palatable to livestock.

Spreading by underground root stocks, the original 12 plants sent Professor Aldous by the United States department of agriculture have in one year spread over an area of four feet each and are forming a dense turf. Since it spreads so rapidly Professor Aldous has sensed a fear that it might become a serious weed if started in cultivated areas and allowed to grow for any length of time.

Professor Aldous believes that it may be put to good use in checking gully erosion in orchards or in eroded areas in pastures, and if found to be palatable to livestock may be of use in establishing pastures on some waste and unprofitable land now under cultivation.

Calomagrostis epigeios is a close relative of common grass called Redtop. It differs greatly from Redtop in being coarser and tougher, and in its drought resistance.

FIFTY WATER COLORS SHOWN IN HELM ONE MAN EXHIBIT

Etchings and Colored Pencil Sketches
Also Included

The Helm exhibit of water colors and etchings is being shown in the architectural gallery of the engineering building, and will remain up for two more weeks.

The 50 water colors in this exhibit, evidencing a versatile range, include several experiments in a new technique which is somewhat modern in effect. In a number of his recent etchings Professor Helm has combined dry point and acid etching. There are 12 etchings on display.

Pulitzer 1929 History Prize of \$2,000 Goes to Dr. Fred A. Shannon of College

Award of the \$2,000 Pulitzer prize for the best book of the year on the history of the United States to Dr. Fred A. Shannon, associate professor of history and government at the college, was announced Monday by the committee, through the New York World.

The prize was given for Doctor Shannon's two volume essay, "The Organization and Administration of the Union Army, 1861-65." Last December the same work won the Justin Winsor prize awarded biennially by the American Historical association. Selection for his honor was by unanimous vote of the committee.

The Pulitzer award for history has the largest monetary value of any of the annual prizes made possible through the will of Joseph Pulitzer, founder of the New York World and the St. Louis Post-Dispatch.

Previous winners of the award have been as follows:

- 1917—Jules J. Jusserand, the French ambassador, author of "With Americans of Past and Present Days."
- 1918—James Ford Rhodes, author of "A History of the Civil War."
- 1919—No award.
- 1920—Justin H. Smith, author of "The War With Mexico."
- 1921—Rear Admiral William Snowden Sims, author of "The Victory at Sea."
- 1922—James Truslow Adams, au-

thor of "The Founding of New England."

1923—Charles Warren, Author of "The Supreme Court in United States History."

1924—Charles Howard McIlvain, author of "The American Revolution: a Constitutional Interpretation."

1925—Frederic L. Paxson, author of "A History of the American frontier."

1926—Edward Channing, author of "A History of the United States, Vol. 6, 1927."

1927—Samuel Flagg Bemis, author of "Pickney's Treaty."

Doctor Shannon was born at Sedalia, Mo., on February 12, 1893. In 1914 he received his bachelor of arts degree from the Indiana State Normal school at Terre Haute. In 1918 he received his master's degree from Indiana university, and in 1924 the degree of doctor of philosophy (magna cum laude) from Iowa university.

After teaching in the grade and high schools of Indiana from 1914 to 1919, Doctor Shannon was professor of history at Iowa Wesleyan college, Mount Pleasant from 1919 to 1923. From 1924 to 1926 he was at the Iowa State Teacher's college at Cedar Falls, coming from there to K. S. A. C., where his specialty has been industrial history. Next summer he will be a visiting instructor at the Ohio State university, Columbus.

Doctor Shannon is a member of

the committee on research in colleges of the American Historical association, and of the executive board of the Mississippi Valley Historical association. He is the author of three essays published in the Mississippi Valley Historical Review: "State Rights and the Union Army," June, 1925; "The Mercenary Factor in the Creation of the American Army," March, 1926; "The Life of the Common Soldier in the Union Army," March, 1927. He also is the author of "The Federal Government and the Negro Soldier, 1861-65," published in the Journal of Negro History, October, 1926, and has done reviews of books for the American Historical Review and the Mississippi Valley Historical Review.

Doctor Shannon's prize winning work was published by the Arthur H. Clark company, Cleveland, in 1928.

Thirteenth? Fine!

On May 13, the date of the announcement of Pulitzer prize awards, a baby girl was born to Dr. and Mrs. Fred A. Shannon. Both mother and daughter are reported doing well.

COLUMN GIVES PAPER A PERSONAL TOUCH

Editorial Paragraphs Suggested By
Davis as Means of Combating Comics
and Syndicate Writers

A partial cure for the growing impersonality of the contemporary American newspaper may be found in the conducting of a paragraph column, in the opinion of Prof. H. W. Davis, head of the college English department, as expressed before the Kansas Editorial association last Friday.

"Few newspapers show symptoms of being dominated by an individual who rejoices in his working philosophy of life and his preferences and grouches," said Professor Davis. "Standardization, departmentalization, finesse, and caution, with the flocks of attendant responsibilities, have just about demolished personality and distinctiveness, both of which I am unwilling to admit are not desirable—even in a chain newspaper."

"But what can the editor do, poor thing?—Well, he can steal a little space on the editorial page and start himself a column of light paragraphs. It will never do to leave the personality of newspapers entirely in the hands of comic strip artists, gag writers, Will Rogers, and Ring Lardner."

"I do not recommend a column that throws discretion to the winds, ignores libel laws, roasts advertisers, antagonizes average readers, or constantly prods the forces of purity to spectacular indignation. No good column does these things, and no column need do them. The good column indulges in wholesome and revivifying intellectual gymnastics, establishes a reputation for unselfishness, examines the under side of things, and philosophizes now and then for the reader who craves something a trifle more subtle than Dumb Dora. It affects only enough cussedness to keep itself human."

Chemists Organize Club

Students in chemical engineering, industrial chemistry, and chemistry majors formed an organization to be known as the Kansas State Chemical society, at a meeting May 9 at the Pines cafeteria. Forty students and faculty members attended. A constitution was adopted, as prepared by John Shenk, Ralph Rogers, and John Correll. John R. Coleman presided.

Payne Designs Planes

Amos O. Payne, '22, son of J. E. Payne, '87, and Mary (Cottrell) Payne, '91, is a designing engineer for the Parks Airplane company, St. Louis. Two planes of his designing have been on display at the Detroit airplane show.

HERE'S FORMULA FOR K. S. A. C. JOURNALIST

ROGERS GIVES REQUISITES OF
IDEAL GRADUATE

Must Have Cultural Background,
Knowledge of Society, Specialized
Training Plus Ability to Use
Them in Practice

A recipe for making journalists—by the Kansas State Agricultural college method—was described by Prof. C. E. Rogers, head of the industrial journalism department before newspapermen attending the conference of the Kansas Editorial association in Hutchinson last Saturday.

The formula of the finished product—so far as the college is concerned—calls for two major qualifications by the student. He must attain a broad knowledge of practically all matters entering into the social relationships of mankind. After attaining that, he must become well versed and something of a specialist in one field or subject.

Professor Rogers referred to the similarity of the K. S. A. C. ideal of a journalist and suggestions recently made by Willis J. Abbot, editor of the Christian Science Monitor, concerning qualities needed by young journalists.

MUST HAVE BACKGROUND

"Mr. Abbot says a school of journalism should give its students background, an understanding of the social sciences, specialized training, and a special knowledge in some particular field," Rogers explained. "If you add to that what the K. S. A. C. catalog says, 'the training of students fundamentally interested in journalism for positions on farm journals, newspapers and other publications, particularly where writing on agriculture and other industrial subjects is in demand'—you have the K. S. A. C. recipe for a journalist."

"At K. S. A. C. we believe a journalist should have the best educational background possible to attain in a four year college course—that as a minimum, and, of course, not ending in merely that. It is not to be taken as the final preparation of a journalist, rather merely as a reasonably adequate beginning. We require of each student that he make an effort to familiarize himself with the literature of his own language and that he gain a reading knowledge of at least one other language—French, German, or Spanish. We insist upon his familiarizing himself with the fundamentals of a physical and a biological science—chemistry and biology."

The K. S. A. C. journalism student must take a course in extemporaneous speech. To fulfill requirements of the "broad knowledge of practically all matters" he must spend at least one-half year in the study of history, economics, sociology, and political science.

MUST SPECIALIZE ALSO

"The journalist ought to be a specialist in one particular field," the K. S. A. C. journalism head continued. "Each of our students tries to become a specialist in some one field related to an industry—agriculture, home economics, architecture, engineering, or applied science. Early in his course he selects this field, and he gives, if he be a thorough student, close attention to subjects in that field for the equivalent of a half school year. Our ideal of a journalist is a man or woman who has cultural background, a knowledge of society, specialized training in some particular field of knowledge, and, finally, ability to make use of this background, knowledge, and training as a working newspaper man."

"Briefly, the courses in journalism undertake to give the student a survey of the field, to afford him an opportunity to acquaint himself with the history and principles of typography, to present the essentials of news gathering and news writing and the writing of special articles and

(Concluded on page 4)

THE KANSAS INDUSTRIALIST

Established April 24, 1875

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEES-
WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, MAY 15, 1929

BUT WOMANHOOD ENDURES

The Pioneer Mother must carry a musket instead of a scythe. The Kansas Pioneer Woman's Memorial association has prevailed upon Bryant Baker to make this change in his statue designed for the capitol grounds in Topeka. Report has it that he agreed to give the women their gun but rebelled at a request for a sterner expression on the Pioneer's face.

Which raises the question, what is the purpose of a commemorative monument? Is it simply to portray a past that is dead for the curious gaze of the present? Or is it to preserve something from the past which should be perpetuated in present and future generations? Should not a memorial remind observers of continuously admirable virtues and inspire them to emulate these virtues in their own lives?

Can a gun be an inspiration to modern mothers? Granted it were a grim necessity in the past, should it be held up as worthy of emulation by women of today? Granted that it represents militant measures for reform only, isn't it time that Kansas women throw off the inherited Carrie Nation complex, cast away the gun for the scythe, even to matters of reform?

As for the stern face, the immobile brow, the set and indomitable will, there must have been many Puritan pioneer women in our history. Hardships of the frontier dried up all springs of gayety, inhibited natural self expression, stunted the mature flowering of young womanhood, completely killed the fragile essence of feminine charm which is woman universal and eternal.

We may admire these women in their slavery to duty but we pity them, too. Surely we would not wish that women of today and tomorrow grow in their likeness, and influence them to do so by idealizing these pioneer traits in public tribute. Not only are these unnatural "virtues" unnecessary today, but like many inherited patterns of action they cease to be virtues in an era in which they are no longer necessary or useful.

We may sigh a reverent sigh for the unwomaned pioneer woman, but let us not set her up as the enduring symbol of womanhood.

BOOKS

Fruits of the Tree

"Tree Crops" by J. Russell Smith. Harcourt, Brace & Company. N. Y. \$4.

"Tree Crops," by J. Russell Smith, professor of economic geography, Columbia university, presents many ideas that are new to men interested in the agricultural welfare of the nation.

Professor Smith has traveled widely in Europe and Asia and offers many suggestions for the handling of land to prevent erosion and at the same time produce a revenue from these soils. The book is of special value to those who are interested in the working out of the problems in farm forestry, particularly in those states in which there is a large proportion of rough land, which must be protected from erosion and which does not offer very much revenue from the timber, other than fuel. The combination of fuel pro-

duction and tree crops is one which we have not begun to appreciate.

The production of nuts is, of course, the most important of the subjects treated and the chapters on walnut and pecan are particularly valuable. Maple sugar and sirup are high priced products that may be increased very greatly in the section east of the Mississippi and north of the Ohio and could probably be extended into other sections.

Professor Smith terms the persimmon "the pasture tree for beasts and a kingly tree for men" and offers a great deal of testimony in support of his opinions. It is with the crop rather than the timber value of the tree that this book is most concerned. His figures and analysis of the persimmon and its possibilities in the localities where it succeeds are particularly interesting. The suggestion of pork production with mulberries, persimmons, nuts, and haws will bring smiles to the pork producers whose prescription is legume pasture and concentrates throughout the pig's life and finally a balanced ration for the finish. "A short life and a merry one" is the life history of the corn belt pig but owners of acres that may not produce either corn or legumes and still must produce some revenue carry as one of their pork production inquiries: "What is time to a pig?" The acre of low priced land that produces acorns and wild fruits has no labor charge against pork production.

There are immense areas of cheap land for which Professor Smith's suggestion is probably the best that has been made. Much of this land will probably never produce sawlogs. It is the class of land that was known to the pioneers as "scrub timber" and the great problem is to provide for its paying its expense to the locality or the owner. On the steep hillsides where the run-off is particularly great the serious problem to those concerned is to prevent erosion and floods rather than to secure financial returns from the timber.

Much of this land is privately owned and the economists who are trying to figure a taxation system for this land should be interested in Professor Smith's suggestion for its utilization.

This book is certain to be a welcome supplementary text for teachers of farm forestry and should be in the library of every county agent who has to do with areas that furnish this particular forestry and soil problem.

Professor Smith offers a considerable amount of testimony from various sources and the book will prove of great interest to those interested in the soil problems of the country.

—Albert Dickens.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Frank D. McClure, '11, who was in the employ of the United States bureau of markets at Detroit, visited the college.

R. E. Lofinck, '16, who had been in military service for some time, was in the laboratory of the base hospital at Camp McClelland, Humiston, Ala.

Seven graduates of the college were on the staff of the University of Arizona—D. W. Working, '88; Mrs. Mary (Pritner) Lockwood, '98; Prof. Homer Derr, '00; Mrs. W. E. Bryan, '06; Prof. G. E. Thompson, '11; R. S. Hawkins, '14, and C. R. Adamson, '17.

TWENTY YEARS AGO

The Aggies defeated the Highland Park baseball team 10 to 5.

Philip Fox, '97, was elected professor of astronomy in Northwestern university.

Prof. J. E. Kammeyer acted as one of the judges at the state high school oratorical contest at Clay Center.

The Riley County Agricultural association held its annual fair at the fair grounds east of the Blue river bridge.

THIRTY YEARS AGO

Frank D. Tomson and Tina Louise Coburn, former students, were married at the home of the bride in Kansas City. They were to make their home at Cedar Rapids, Iowa.

The Olathe Tribune spoke of the former superintendent of the School

for the Deaf in the following manner: "A. A. Stewart and family left for Manhattan, their former home. They are excellent people and we much regret to have them leave our community."

FORTY YEARS AGO

W. J. Ehram, f. s. in 1887-88, wrote from Terre Haute, Ind., where

was, "Education and Government."

FIFTY YEARS AGO

G. W. King was having a nice fence built around his premises on College hill.

THE KANSAS INDUSTRIALIST was sent to students during the summer vacation, postage paid, for 20 cents. The members of the graduating

Agriculture in Evolution

F. D. Farrell in the Annals of the American Academy of Political and Social Science

Because of the large increase in the productive capacity of farmers, it is possible for a declining rural population to maintain, and at times to exceed, the volume of agricultural production necessary to supply the needs of an increasing total population. This encourages the transfer of some of the rural population to urban industries. A part of the population that discontinues farming consists of people who have not found that occupation profitable to themselves. For them the change often follows a distressing experience. But when they quit farming and become urban consumers some benefits accrue to those who remain upon the land. The demand for farm products is not diminishing and there are fewer farmers to share the total receipts from the sale of these products.

Largely, but not wholly, as a result of scientific discovery and invention, changes in basic conditions occur frequently and sometimes suddenly. This requires those who are to be successful in agricultural pursuits to make frequent adjustments in their operations. To do this effectively often requires ability of a high order. Farmers who lack the necessary ability are likely to experience hardship. The difficulty is intensified by the fact that the agricultural industry is less effectively organized than most other great industries, either to make the fullest possible use of the contributions of science or to maintain its position among the other industries, with which, in a greater or lesser degree, it must compete.

One of the effects of the increased productive efficiency that has resulted from the use of science is that the American farmer has experienced a marked rise in his standard of living. He now has more physical comforts, more conveniences, more commercial entertainment, more liberty, and more leisure than the farmer of any comparable country. As his wants have increased, his expenditures, of course, have mounted until now he spends more for the goods he buys and pays more in taxes, for education and other governmental services, than his grandfather or even his father would have believed to be possible. To keep his wants—and, consequently, his expenditures—down to somewhere near his earning capacity is one of his most difficult problems. To meet his financial obligations he rightly seeks increased aid from science. When he gets it and his earning power increases, his standard of living rises still further so that his wants tend to keep ahead of his income, as is true with most of us.

The foregoing observations suggest the fact that American agriculture is involved in a rapid process of evolution. Science unquestionably has been a major factor in bringing about that situation. Whether in agriculture, in manufacturing, in commerce, or in nature, evolution is essentially a competitive process. The plants, animals, industries of men concerned compete either *inter se* or group against group, or in both ways, for "a place in the sun." Those that have or that develop unusual fitness for making favorable adjustments to their environment are advantaged correspondingly in the competition. Inevitably the evolutionary process is a painful one for men or plants or animals that fail for want of the necessary individual or collective action to meet the requirements for survival.

Human society can and does devise helpful procedures for the use of man against his natural competitors. It can and does devise methods for "humanizing" the relations between competing men and groups of men. But it does not and it probably cannot eliminate the necessity for constant struggle for increased individual and collective fitness on the part of those who are to survive economically and socially. No better method has been found for increasing economic and social fitness, in agriculture or in any other occupation, than intelligent use of science.

he was taking a course in Rose Polytechnic school.

N. Christensen of Mariadahl visited his son at the college.

The 150 members of Topeka high school expected to visit the college. They were to visit classes in the forenoon and attend the afternoon exercises in chapel.

George T. Anthony, former governor of Kansas, gave the annual address before the Alpha Beta literary society. The subject of the address

class and their grades follow: Ella Vincent, 92.83; H. C. Rushmore, 92.88; Ettie Campbell, 93; W. H. Sikes, 95; C. E. Wood, 95.80; W. K. Eckman, 95.83; C. J. Reed, 96.16; L. A. Salter, 96.25, and A. T. Blain, 97.85.

The mariner of old said to Neptune in a great tempest, "O God! thou mayest save me if thou wilt, and if thou wilt thou mayest destroy me; but whether or no, I will steer my rudder true."

—Montaigne.

O, HEAVEN YOU ARE FORTUNATE

Eula Mae Currie

O, heaven you are fortunate;
Your storms can break!
A roaring thunderbolt
Can rip the skies apart
Like tearing tissue-paper
Unloosing your woes
In mollifying rain
Or the hauteur of hail.
Your winds can ride
The universe until
Their grief is spent.
But Ah! I!
My love's sorrow and
My heart's pain
Cannot break
But are held within
The narrow confines
Of a mocking wakeful brain
In a dim rim of consciousness
Day weary and night sick.

SUNFLOWERS

H. W. D.

OUT-POSTING EMILY

I am all at sea in regard to social obligations. I find it hard to tell just what I owe and just what is owed me. If it were to become necessary to file a social income tax statement, I should probably have to languish for a while in some prison until the light dawns.

From the chatter and rattle, I begin to suspect that sociability and hospitality have been switched back under the old Mosaic code. An eye for an eye, a tooth for a tooth, a luncheon for a luncheon, a bridge party with a two-dollar prize for a bridge party with a prize costing sixteen bits.

A dinner that starts with a fruit cocktail and ends with blue and white mints must be compensated for by a dinner with a fruit cocktail and blue and white mints at its respective extremities. Perhaps the dressing on the head lettuce may be changed, but one should be cautious even about that.

Somehow or other I have always had the misconception that hospitality is made of subtler stuff. I confess I have now and then endeavored to entertain acquaintances because somebody insisted they had it coming to them. But ordinarily I trot out what hospitality I possess mainly because I selfishly want to. And I have presumed, ignorantly and egotistically it seems, that my friends have fed me ice cream and cake because they like to see me eat it or something, and not because they hoped to have me get even sometime when they are hungry for sweets.

I shudder to think what Emily Post must think of me.

Notwithstanding everything, I think I shall stay with charity and mercy for all, and let even-handed justice go its own sweet way, the which it probably will.

Just to show that my heart's in the right place, I'll even propose a little scheme all my own that will put polite society on a strictly business basis and prevent all sorts of leakage in the collection of social debts. My price for the scheme is exemption from it.

Why wouldn't it be a dandy idea to issue statements at the first of each month as members of the chamber of commerce do? Mrs. Van Blubber could let Mrs. Ronald de Morgan know that her books showed the latter to be indebted for one formal roast goose dinner, two Swiss chocolate sundaes, one bridge party in orchid and ecru, a 20-mile drive over the hills in a motor car costing not less than \$2,300, and the rental on two glass candlesticks and a card table. Mrs. de Morgan could get out a semi-monthly statement. Then each could check off against the carbon copy of her own outgoing statement and a balance be struck.

It might eventuate that Mrs. Van Blubber is behind to the extent of a toasted cheese sandwich tete-a-tete at the Iris Coffee Shoppe, in which case Mrs. de Morgan could expect to be recompensed by the tenth of the month or slip the ten per centum tip to the waitress into her own vanity case.

Emily Post's stuff is all right as far as it goes. But she failed to see the advantage of applying modern, scientific business methods.

AMONG THE ALUMNI

Dr. H. C. Boyd, '21, is practicing veterinary medicine in Lake Village, Ark.

E. L. Misegades, '24, has changed his street address to 1735 Tecumseh avenue, Fort Wayne, Ind.

Geo. A. Franz, '18, is now located at R. No. 5, South Omaha, Neb., in the service of the bureau of animal industry.

Dr. C. W. Bower, '18, Topeka, recently read a paper before the North-eastern Indiana veterinary medical association in Fort Wayne. Dr. and Mrs. Bower made the trip by auto.

Lanora (Russell) Wharton, '24, writes from El Dorado as follows: "I fear I shall not be able to attend the Class of '24 reunion this spring as our schools close May 31 and we shall be very busy getting ready to start to California." Mrs. Wharton plans to spend this summer studying for her master's degree in California.

John McCombs, f. s., was recently transferred from Racine, Wis., to Kansas City, Mo. Mr. McCombs works for the J. I. Case company.

MARRIAGES

McCALLEN—CARP

The marriage of Mary McCallen, Wichita, and Fred H. Carp, '18, Wichita, took place on Wednesday, April 17. Mr. and Mrs. Carp are making their home at Wichita.

ALBIN—JONES

Announcement has been made of the marriage of Grayce Vernice Albin, Oklahoma City university, and Clifford W. Jones, f. s., on December 24, 1928, at Emporia. Mr. and Mrs. Jones are making their home in Atchison.

HANLIN—WUTHRICH

The marriage of Ruth Hanlin, Manhattan, to Harold Wuthrich, f. s., Whitewater, took place on April 27, at the home of the bride's parents. Mr. and Mrs. Wuthrich are making their home in Manhattan.

HAMILTON—PURCELL

Dr. and Mrs. Dillon Hamilton, of El Dorado, announce the marriage of their daughter, Harriett, f. s., to Mr. Frank Hoyt Purcell, f. s., on May 4. Mr. and Mrs. Purcell will make their home in Kansas City, Mo., where Mr. Purcell is connected with the Fidelity National Bank and Trust company.

KNIGHT—RICKEY

Announcement has been made of the marriage on February 2 of Margaret Knight, '29, Medicine Lodge, to Gerald Rickey, f. s., formerly of Norton. The marriage took place at Trinity church, Lawrence, and was announced during the past week. Mr. and Mrs. Rickey will make their home in Stinnet, Tex.

GUGLER—FERRIS

Mr. and Mrs. A. F. Gugler of Chapman, announce the marriage of their daughter, Ruth, f. s., to Mr. Gerald Ferris, '27, which took place on Sunday, May 12. Mr. and Mrs. Ferris will make their home in Topeka where Mr. Ferris is connected with the Capper publications, in charge of the protective service.

WALLACE—LYNCH

The marriage of Mildred Wallace, Oregon State, '24, to Daniel Gail Lynch, '22, took place on February 2 in Portland, Ore. Mr. Lynch is the only son of Prof. D. E. Lynch, of the K. S. A. C. faculty, and is engaged in business in Portland. Mr. and Mrs. Lynch are at home at Mulberry apartments, Twelfth and Mulberry, Portland.

OATMAN—PETERS

Announcement has been made of the marriage of Ethel Oatman, '29, and K. O. Peters, '29, on April 29, at Clearwater, Fla. Both Mr. and Mrs. Peters finished their work at the close of the first semester, Mrs. Peters going to teach home economics in the high school at Doddsville, Miss., and Mr. Peters accepted a position with the Florida Power corporation. Mr. and Mrs. Peters are making their home in St. Petersburg, Fla.

CLIP AND MAIL TO ALUMNI OFFICE AT ONCE

ALUMNI-SENIOR BANQUET RESERVATIONS

I will attend alumni day activities Tuesday, May 28.

Reserve.....tickets to the alumni-senior banquet, 6 o'clock, Tuesday evening.

(Tickets are \$1.50 each. Reservations will be held until 2 o'clock Tuesday afternoon.)

Signed Class.....

Address

MOTT PRESENTS LIST OF BOOKS ON PRESS

Iowa U. Journalism Head Recommends 50 Selections—Urges Use, Not Resentment, of Criticism

"There is much criticism of the press in magazines and books of today, but remember that an institution not criticized is decadent," said Dr. Frank L. Mott in a recent journalism lecture address. "Don't be resentful of the criticism; make use of that which is good."

Doctor Mott is head of the school of journalism at Iowa university.

He presented and commented on a list of 50 "best books on journalism" prepared with the assistance of Iowa university classes. Reading was urged as an avocation for newspaper men.

The list follows:

HISTORIES

Bleyer, Willard G. "Main Currents in the History of American Journalism." Houghton Mifflin. Boston. 1927.

Payne, George H. "History of Journalism in the United States." Appleton. New York. 1920.

INDIVIDUAL NEWSPAPERS

Davis, Elmer H. "History of the New York Times." New York Times. New York. 1921.

Hooker, Richard. "The Story of an Independent Newspaper." Macmillan. New York.

Nevins, Allan. "The Evening Post: A Century of Journalism." Boni and Liveright. New York. 1922.

O'Brien, Frank M. "The Story of the Sun." Doran. New York. 1918.

BIOGRAPHY AND REMINISCENCE
Chapin, Charles E. "Charles Chapin's Story." Putnam. New York. 1920.

Creelman, James. "On the Great Highway." Lathrop. Boston. 1901.

Dreiser, Theodore. "A Book About Myself." Boni and Liveright. New York. 1922.

Franklin, Benjamin. "Autobiography." Various editions.

Howe, Edgar Watson. "Plain People." Dodd, Mead. New York. 1929.

Kansas City Star Staff. "William Rockhill Nelson." Riverside Press. Cambridge. 1915.

McRae, Milton A. "Forty Years in Newspaperdom." Brentano's. New York. 1924.

Ogden, Rollo. "Life and Letters of Edwin Lawrence Godkin." 2 vols. Macmillan. New York. 1907.

Older, Fremont. "My Own Story." Macmillan. New York. 1926.

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lin, Printer." Doubleday. New York. 1917.

Seitz, Don C. "Horace Greeley." Bobbs Merrill. Indianapolis. 1926.

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Seitz, Don C. "Joseph Pulitzer: His Life and Letters." Simon & Schuster. New York. 1924.

Stone, Melville E. "Fifty Years a Journalist." Doubleday. Garden City. 1921.

Watterson, Henry. "Marse Henry: An Autobiography." 2 vols. Doran. New York. 1919.

Wilson, James Harrison. "The Life of Charles A. Dana." Harper's. New York. 1907.

Winkler, John K. "W. R. Hearst." Simon & Schuster. New York. 1928.

THE COMMUNITY WEEKLY
Allen, Charles Laurel. "Country Journalism." Thomas Nelson's Sons. New York. 1928.

Anderson, Sherwood. "Hello Towns." Horace Liveright. New York. 1929.

THE BUSINESS SIDE
Brown, Buford O. "Problems of Newspaper Publishing." Harper's. New York. 1929.

Scott, William R. "Scientific Circulation Management." Ronald Press. New York.

Thayer, Frank. "Newspaper Management." Appleton. New York. 1926.

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DeVine, Theodore. "Plain Printing Types." Oswald Publishing company. New York. 1914.

Oswald, John Clyde. "A History of Printing." New York. Appleton. 1928.

Udike, Daniel B. "Printing Types: Their History, Forms, and Use." 2 vols. Howard U. Press. Cambridge. 1922.

EDITORIALS
Brisbane, Albert. "Editorials From the Hearst Newspapers." Albertson Publishing company. New York. 1906.

Flint, Leon Nelson. "The Editorial." (Second edition) Appleton. New York. 1928.

Heaton, John L. "The Story of a Page." Harper's. New York. 1913.

Nevins, Allan. "American Press Opinion From Washington to Coolidge." Heath. New York. 1928.

Watterson, Henry. "Editorials." Doubleday Doran. Garden City.

White, William Allen. "The Edi-

tor and His People." Macmillan. New York. 1924.

FICTION

Williams, Ben Ames. "Splendor." Dutton. New York. 1927.

Williams, Jesse Lynch. "The Stolen Story." Scribner's. New York.

Smith, Henry Justin. "Deadlines." Covici-McGee. Chicago. 1923.

NEWSPAPER INFLUENCE

Graves, W. Brook. "Readings in Public Opinion." Appleton. New York. 1928.

Lippman, Walter M. "Public Opinion." Harcourt, Brace. New York. 1922.

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Brazelton, Ethel M. Colson. "Writing and Editing for Women." Funk & Wagnalls. New York. 1927.

Bush, Chilton R. "Newspaper Reporting of Public Affairs." Appleton. New York. 1929.

Davis, Hallam Walker. "The Column." Knopf. New York. 1926.

Flint, Leon Nelson. "The Conscience of the Newspaper." Appleton. New York. 1924.

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Radder, Norman J. "Newspapers in Community Services." McGraw-Hill. New York. 1926.

Otis Principal Speaker

Dan H. Otis, '92, director of the agricultural committee of the American Bankers' association, Madison, Wis., was the principal speaker at the second annual banker-farmer school conducted at K. S. A. C. May 3 and 4. Mr. Otis is director of the agricultural work of the Wisconsin bankers' association in addition to his work with the American bankers' association. Previous to his present position he was professor of farm management at the University of Wisconsin.

COMMENCEMENT WEEK

Class Reunions

| | |
|-----|-----|
| '79 | '04 |
| '84 | '09 |
| '89 | '14 |
| '94 | '24 |
| '99 | '29 |

SUNDAY, MAY 26

8:00 p. m. Baccalaureate, College auditorium.

MONDAY, MAY 27

Class Day Exercises
7:30 a. m. Breakfast for senior women by Mortar Board, college cafeteria.

TUESDAY, MAY 28

Alumni Day
1:30 p. m. Dedication of war memorial, recreation center.
2:00 p. m. Alumni business meeting, recreation center.
4:00 p. m. Baseball game, Kansas Aggies vs. Kansas university.
6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

WEDNESDAY, MAY 29

Commencement Exercises
9:30 a. m. Academic procession.
10:00 a. m. Graduation exercises.
2:00 p. m. Baseball game, Kansas Aggies vs. Kansas university.

LOOKING AROUND

KENNEY L. FORD

Dean Roy A. Seaton, K. S. A. C.; John J. Biddison, Minneapolis, Minn., and others of the '04s are preparing for a great reunion of the Naughty Fours when they assemble again at K. S. A. C. at commencement time. John J. Biddison, editor of the Minneapolis News and Minneapolis Journal, like many other Aggies, has been so busy achieving success in his life's work that he now gladly accepts the opportunity to come back and live again the good old college days. Mr. Biddison in urging each of the 100 who made up the class of '04, to come back, writes as follows:

"Twenty-five years ago this month, we the class of 1904 of K. S. A. C. started out to set the world afire. One hundred verdant but confident young bachelors of one thing or another, having learned all that science had to offer up to that time, said goodbye to Alma Mater and were on our way to fame and fortune, matrimony or what have you? Twenty-five years and the world hasn't burned up yet! Perhaps we need a new inspiration.

"Just on the chance that we might find such an inspiration, some of us have decided that now is the time of all times; and when commencement rolls around this year at K. S. A. C. there will be a quarter century reunion of the Naughty Fours on the campus. Can you afford to miss it? Will there ever be another time when so many of that original hundred can gather at the same tables and swap stories, true or otherwise, of how good the world has been to us?

"Word comes to me from Roy A. Seaton, '04, dean of engineering, that there will be a nucleus of about 20 members of the class who are residents in or close to Manhattan. That alone assures the success of our plan, so that we can head home with confidence that we will have no solitary Rip Van Winkle roles to play. Let's make it unanimous.

"It has been nearly 20 years since I have seen the college campus, 25 years since I have shaken the hands of some professors who were an inspiration to me. Nine-tenths of our own number I have not set eyes upon since the day we parted with many assurances of remembrance. Many of them I never will see again unless I find them at this coming reunion. I dare say this is as true for a good many others as it is for me, else I would not presume to mention it here.

"The cords of memory are pulling on you as well as on me, drawing us back to the hill where we were boys and girls together and playing at men and women. How changed some of us are! Will we even recognize some of the fat, bald-headed old codgers of 1929 who used to run around the campus in 1904, pimpled and starved and full of meanness? Will we be able to call by name some of those buxom matrons who brazenly disclose those well-fed knees that once upon a time, in the dear dead days, were modestly hidden beneath three white petticoats and five yards of durable dress goods? I wonder—but I'll take a chance.

"Commencement day is May 29. Alumni day is May 28. The resident members will look after the arrangements; all we have to do is put in an appearance—we, with our wives and husbands, children, and other lineal descendants even unto the third and fourth generations, if any, and answer to the roll call. Perhaps some will even remember the class yell, and with a certain amount of rehearsal, we can make it reverberate once more in the hallways. At least, we can make one more stab at reaching that high note on 'Hail, Hail, Hail!' If we haven't breath enough left to sing 'Alma Mater' we can slide into that easier and funnier 'The Gang's All Here.' Alma Mater is calling us. Shall we come?"

One of the sayings of Diogenes was that most men were within a finger's breath of being mad; for if a man walked with his middle finger pointing out, folks would think him mad, but not so if it were his forefinger.

In the Early Ninteen-Hundreds



Graduates of former years, and especially those of "Naughty Four" who will hold a reunion on the campus this spring, are invited to try their hand at identifying those in the above picture. It is a clothing class of the early 1900's.

WHEAT TEMPERING IS EXPERIMENT PROJECT

PROBLEM PICKED FOR STATION'S
ENTRANCE TO MILLING FIELD

Research Needs of Flour Industry Outlined by Dr. C. O. Swanson, Speaking Before Association of Operative Millers

Entrance of the college experiment station into the milling research field is to be through work on the problem of wheat tempering before milling, according to a paper on "A Program of Research for the College Mill" read before the meeting of the Association of Operative Millers here recently by Dr. C. O. Swanson, head of the college department of milling industry.

Doctor Swanson first pointed out that although milling is among the most efficient of industries, a recent department of commerce monthly report showed that only 71.5 per cent of the wheat milled was obtained as flour, whereas analysis has shown that the wheat kernel contains about 84 per cent endosperm, or floury portion.

"This means that 12.5 per cent of the endosperm goes into feed," said Doctor Swanson. "Since flour ranges in value from two to three times as much as feed, it would appear that we have at least a chance for research."

"... I am happy to state that the first experiment station project in a milling problem has been officially approved by the office of experiment stations, of the United States department of agriculture, for prosecution in the department of milling industry."

"It seems that wheat tempering is the key to several other problems. Unless wheat is properly tempered it cannot be milled satisfactorily. For the expense of this work, Dean Call plans to appropriate \$1,000 a year in addition to what is paid for salaries. This means that from now on experiments in milling technology are a definite part of the Kansas experiment station work."

SHOWS RESEARCH NEED

In further discussing the need for research work, Doctor Swanson pointed out that as recently as 1925 M. M. Fredel, former president of the Association of Operative Millers, said, "It is a fact that there is not a single institution in the United States for the study of advanced milling practice and technology."

"It is hoped that we may be able soon to develop the work in the milling department at our college that no one will have any more need to make such a statement as that of Mr. Fredel's," said Doctor Swanson.

"Establishment of an industrial fellowship by the Association of Operative Millers is a very valuable addition. We now have the equipment; we have our program; we will make the work of this fellow fit in with our scheme, and his efforts together with our own will be directed along a definite path."

"Study of tempering will be conducted relative to variations both in time and temperature, as recent milling reports indicate a wide variation in milling practice in both respects."

A detailed account of research facilities available at the college was given by Doctor Swanson, who also touched on other problems in addition to tempering, which are a part of the research program.

ALL PROCESSES RELATED

"All milling processes are related," he said. "One cannot be taken up to the exclusion of others. Hence, as we study the problems of tempering, we will learn much about other problems."

"The best method of handling break and reduction rolls is a topic much discussed by millers."

"... The middlings purifier has undergone very few changes since it was first introduced about 60 years ago. It is probably true that in many modern mills, a better flour could be made without the purifier than in most mills 60 years ago with the purifier. This does not mean that we have nothing more to learn about the middlings purifier, nor that it is obsolete. What we need to know more about is the volume and velocity of air currents best suited to remove impurities from different classes of middlings, as well

as the direction and control of these currents.

"We have also had in mind problems related to exhaust methods, and dust collectors. Different bleaching systems and proper equipment have been installed."

"The college mill is equipped for doing experiments along the following lines: wheat cleaning; wheat tempering; effect of heat in wheat conditioning; wheat washing; use of different kinds of rolls; effect of varying differential; use of purifiers; comparison of types of dust collectors; power problems; effect of temperature and humidity; wheat blending; flour blending; different systems of bleaching; baking quality as affected by milling; comparison of different mill stream flours."

"It is not the intention that the experiments shall be limited to what we can do in the college mill. We intend to follow the survey method, or the study of operations in large successful plants, as far as feasible, after making experiments at the college. That is, we will study the operations in larger mills and make comparisons. Many experiments cannot be performed in large commercial plants because of the danger to the product, but all the operations may be studied in relation to results obtained."

Appoint Ticket Committee

A committee of 10 has been appointed to sell tickets to local alumni for the alumni-senior banquet during commencement week.

The committee is as follows: A. P. Davidson, chairman; Roy Bainer, Frank Blecha, Percy DePuy, L. W. Fielding, C. O. Grandfield, Miss Mary Kimball, Miss Alice Melton, R. I. Thackrey, Blake Wareham.

Edwin Scheel a Visitor

Edwin Scheel, f. s., Los Angeles, is spending about two weeks in Manhattan visiting his brother D. A. Scheel, a senior in the division of agriculture. Mr. Scheel is convalescing from a long illness, and hopes to be able to return to his work in Los Angeles by fall.

National injustice is the surest road to national downfall.

—Gladstone.

PROGRESS OF KANSAS PRESS

F. E. C.

M. T. Paehue, who published the Minneola Record a few years ago, is again in charge of the paper, having leased it from the owner, D. F. Wyatt.

A contest to find a suitable slogan for Anthony has been conducted by the Republican-Bulletin. The slogan adopted is "Anthony—Active and Attractive."

C. W. Wheeler of Salina has purchased the Weekly Abilene Chronicle from J. W. Oliver. Wheeler will go at once to Abilene to manage the paper but will retain his interest in the Salina Sun.

A newspaper story says Warren Zimmerman of the Liberal News is changing to a daily schedule on June 1. If he puts out a daily paper up to the standard of his weekly, it will be one that Liberal may be proud of. And the signs say he will—he announces the paper will have two daily news services, AP and UP.

Friends of W. E. Blackburn, editor of the Herington Sun, have been cheered by news from the Mayo clinic, Rochester, Minn., that the veteran Sun editor is showing improvement in health. Mr. Blackburn has been at the clinic nearly a month for observation and treatment. He will appreciate hearing from all his friends. His address, care of Colonial hospital, Rochester.

Purchase of the Beloit Gazette by L. F. Brewer and A. B. Duncan is announced by Mrs. J. R. Harrison, who has published the paper since the death of her husband, Senator J. R. "Jack" Harrison, two months ago. The new editors are Beloit young men who have had experience in newspaper work in several Kansas towns.

Harold A. Hammond, editor of the

AGGIES DEFEAT AMES, ONE GAME RAINED OUT

WILDCATS STAY IN BIG SIX RACE
THROUGH 7 TO 1 WIN

Sparkling Fielding and Heavy Hitting
Feature Contest—Visitors Get Ten
Hits Off Barre, But Only
One Run

The Kansas Aggie baseball team stayed in the Big Six race by defeating Iowa State college last Friday, 7 to 1. The second game was cancelled because of rain.

All the sensations peculiar to baseball were crowded into the nine innings. In the second Captain Ward cut Hill off at third with a beautiful peg, when Hill tried to make two bases on Rudi's single. Marsh, Ames center fielder, retaliated with a running one handed catch of Ward's long fly in the third.

In the fourth Lande, Ames pitcher, lifted one over the right field fence for a home run.

Evans went out on a long left field fly in the home half of the fourth. Nash singled, and Nigro swung with a vicious swing which propelled the ball to the center field bank, where it hopped on through the fence for a home run. McCollum then went out at first, but Towler got a hit. Meissinger smacked a three base fly which Mr. Marsh could not catch on the run, and scored behind Towler when the Ames shortstop overthrew home.

In the seventh Meissinger singled. His record for the day was three out of four times up. Barre sacrificed Meissinger to second and Ward's hit scored him. Ward then stole second and scored on Evans' center field hit. Nash hit, but the redoubtable Mr. Marsh cut the rally short by jerking Nigro's long fly out of the heavens.

In the eighth the left fielder failed to have either gloves or shins in the way of Towler's hard hit single and Towler scored.

Captain Gethman of Ames tried to stretch a triple into a home run in the first, but was caught by powerful Aggie arms, Nigro to McCollum to Nash to Meissinger.

In the eighth Gethman dumped a fly down just inside the right field baseline, but Ward's throw caught

him at first. Gethman suffered a sprained ankle on the play.

Barre allowed 10 hits, but kept them well scattered and had brilliant support.

The score by innings:

| | R | H | E |
|---|-----|-----|------------|
| Ames | 000 | 100 | 000—1 10 2 |
| Aggies | 000 | 400 | 21x—7 13 2 |
| Batteries—Barre and Meissinger; Arthur and Kruse. | | | |
| Home runs—Ames, Lande; Aggies, Nigro, Triples, Ames, Gethman; Aggies, McCollum, Meissinger. Umpire Larry Quigley, St. Benedict's. | | | |

RECENT HAPPENINGS ON THE HILL

The spring formal banquet of the Women's athletic association will be Thursday, May 16, at the college cafeteria.

The annual short course, sponsored by the department of electrical engineering, for the Midwest Electric Metermen's association, will be held at the college from May 21 to 25.

The annual Ag fair was postponed from last Saturday until Monday, because of rain. Showers also fell Monday, stopping the parade, but the fair was held that night, as scheduled.

Prof. R. C. Moore, head of the department of geology at the University of Kansas, gave an illustrated lecture on the geology of petroleum geological formations in which petroleum is found, before the Science club Monday night.

W. E. (Tad) Platt, Manhattan, sophomore pitcher on the Kansas Aggie baseball team, is in a local hospital suffering from a fractured skull received in practice when a batted ball struck him just above his right eye. His condition is not dangerous.

AGGIES THIRD IN BIG SIX RACE TIGERS BACK IN FIRST PLACE

Oklahoma Drops From Top By Split
With Ames

Missouri university jiggled Oklahoma out of first place in the Big Six baseball race by winning from Kansas university 4 to 2, while the Sooners were losing to and winning from Ames. The second Missouri game with the Jayhawks was called on account of rain.

The Aggies moved out of a third place tie with the Jayhawks, to undisputed ownership of the place. Aggie title hopes probably will be settled one way or another in the four games scheduled for this week at Manhattan.

Oklahoma is the foe today and tomorrow, and Nebraska Friday and Saturday.

BIG SIX STANDINGS

| | W. | L. | T. | Pct. |
|---------------|----|----|----|------|
| Missouri | 6 | 3 | 0 | .667 |
| Oklahoma | 3 | 2 | 1 | .600 |
| Kansas Aggies | 4 | 3 | 0 | .571 |
| Kansas U. | 3 | 4 | 0 | .429 |
| Nebraska | 2 | 3 | 1 | .400 |
| Iowa State | 1 | 4 | 0 | .200 |

Wins Prix De Rome

Sidney B. Waugh, Amhearst, Mass., son of Prof. Frank A. Waugh, '91, and Mary (Vail) Waugh, '92, has been named as the winner of the annual award of the Prix de Rome in sculpture. The prize carries with it a three year scholarship at the American academy at Rome valued at \$8,000. Mr. Waugh is 25. He studied architecture at the Massachusetts Institute of Technology.

Daddy Walters To Be Absent

Dr. J. D. (Daddy) Walters, professor emeritus in architecture, will be missed at the alumni-senior banquet. Doctor Walters has given the invocation at the banquet for many years but will be unable to attend this year because of failing health. He is now at the home of his daughter, Mrs. Alfred Umbler, Alma. Doctor Walters served K. S. A. C. continuously from 1876 until his retirement.

Plato having defined man to be a two-legged animal without feathers, Diogenes plucked a cock and brought it to the academy, and said, "This is Plato's man. On which account this addition was made to the definition—'With broad flat nails.'"

NEBRASKA TRACKMEN WIN DUAL 102 TO 29

AGGIES NO MATCH FOR HUSKERS
IN LINCOLN MEET

George Lyon, Manhattan, Takes Shot and Discus—H. S. Miller, Kansas City Runs Speedy Mile Despite Slow Track

Nebraska university's track team threw mud at the Kansas Aggies at a 102 to 29 pace in a dual track meet at Lincoln last Saturday.

George (Babe) Lyon won first in the discus and shot, and H. S. Miller stepped the mile in 4:29.1 on the slow track.

The summary:

220 yard low hurdles—Won by R. Krause, Nebraska; Lamson, Nebraska, second; Thompson, Nebraska, third. Time 25.6 seconds.

110 yard high hurdles—Won by Lamson, Nebraska; Fleming, Nebraska second; Arganbright, Nebraska, third. Time 15.7 seconds.

880 yard dash—Won by Janulewicz, Nebraska; Dexter, Nebraska, second; Skeen, Aggies, third. Time 1:57.2.

440 yard dash—Won by Campbell, Nebraska; Currier, Nebraska, second; Mays, Nebraska, third. Time 51.5 seconds.

220 yard dash—Won by Lowe, Nebraska; Easter, Nebraska, second; Nestor, Nebraska, third. Time 23.1 seconds.

100 yard dash—Won by Nestor, Nebraska; Easter, Nebraska, second; Lowe, Nebraska, third. Time 10.5 seconds.

Mile run—Won by Miller, Aggies; Griffin, Nebraska, second; Etherton, Nebraska, third. Time 4:29.1.

Two mile run—Won by Etherton, Nebraska; Miller, Aggies, second; Garvey, Nebraska, third. Time 10:26.

Discus throw—Won by Lyon, Aggies; Hinkle, Aggies, second; Rowley, Nebraska, third. Distance 129 ft. 6 in.

Javelin throw—Won by Faytinger, Nebraska; Smith, Aggies, second; Livingston, Aggies, third. Distancet 166 ft. 9 in.

Shot put—Won by Lyon, Aggies; Rowley, Nebraska, second; Ashburn, Nebraska, third. Distance 44 ft. 9 3/4 in.

High jump—Won by Bevard, Nebraska; Walker, Aggies, second; Benbrook, Nebraska, third. Height 5 ft. 11 1/4 in.

Mile relay—Won by Nebraska. Time 3:31.2.

Broad jump—Won by Young, Nebraska; Griswold, Nebraska, second; Kenagy, Nebraska, third. Distance 21 ft. 10 in.

Pole vault—Won by D. Krause, Nebraska; Witte, Nebraska, second; Ossian, Nebraska, third. Height 10 ft. 7 in.

HERE'S FORMULA FOR K. S. A. C. JOURNALIST

(Continued from page 1)

editorials, to teach the principles of advertising and of copy reading, and the ethics of journalism, and to integrate the practice of journalism with background studies.

WANT IMPROVED JOURNALISM

"We hope that our students will be something more than followers in beaten paths in the business and profession of journalism. Our ideal for every student is that he not only understand prevailing ways in journalism today, but that he possess a desire to take his place in a newer improved journalism, and equipment wherewith to accomplish the desire."

"We want him to enter journalism with respect for the good there is in it but with contempt for the bad, in short, with a realistic outlook. With background and training and with such an outlook as I have said we wish he might possess, we hope that he will be equipped to become a useful worker in the profession and a useful citizen."

Bavaria Seniors Here

Ellis Balaum, principal of the Bavaria high school, brought over his senior class to visit the K. S. A. C. campus, Monday, May 13. The seniors making up the party were: Chrystella Swenson, Helen Esterl, Genevieve Moreen, Eunice Engstrom, Mary Hronek, David Weberg and Arnold Carlson.

Concert at Chapel

A joint concert by Mu Phi Epsilon and Phi Mu Alpha, honorary musical fraternities, constituted the program for the student assembly last Friday.

Aggie Baseball Schedule

Apr. 2—St. Mary's 2, Aggies 5.
Apr. 12 Aggies 8, K. U. 6, at Lawrence
Apr. 13 Aggies 6, K. U. 7, at Lawrence
Apr. 26 Aggies 3, Missouri 2
Apr. 27 Aggies 11, Missouri 10
May 3 Aggies 2, Nebraska 1
May 4 Aggies 0, Nebraska 1
May 10 Aggies 7, Iowa State 1
May 15 and 16—Oklahoma at Manhattan
May 17 and 18—Nebraska at Manhattan
May 28 and 29—K. U. at Manhattan

THE KANSAS INDUSTRIALIST

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Number 31

SATURDAY SAVED FOR
LIVESTOCK VISITORSHUNDREDS ARE EXPECTED FOR
FEEDERS' DAY

Program, As Usual, Consists of Inspection of College Livestock, Addresses By Farm Leaders, and Reports of Experiments

Kansas cattlemen will be on the Kansas State Agricultural college campus Saturday for the annual feeders' day program, an occasion when livestock interests get together to visit the college experimental plant, to hear results of experiments, and to visit about livestock problems in general.

TO AWARD TROPHIES

As usual the program will consist of three parts—inspection of livestock, addresses by prominent livestock men, and explanation of recent experiment station projects. Twenty-six hundred farmers and cattlemen representing 76 counties in Kansas and 15 states attended the feeders' day meeting last year and as good or a larger attendance is expected this year if weather conditions are favorable.

Two trophies will be awarded this year to counties having the greatest attendance mileage. One cup will be given to the county having the greatest attendance mileage among counties more than 60 miles from Manhattan, and a second cup will be given to the winning county which lies within 60 miles of Manhattan. Morris county won the attendance trophy last year with a record of 173 registered from an average distance of 40 miles. The program follows:

THE DAY'S PROGRAM

8:00 a. m.—Inspecting experimental livestock.
10:00—Program in judging pavilion, Will J. Miller, president of Kansas Livestock association, presiding. Welcome, President F. D. Farrell, K. S. A. C.; address, M. L. McClure, chairman, board of directors, Kansas City Federal Reserve bank; address, J. H. Mercer, secretary, Kansas Livestock association; address, John Fields, president, Federal Land bank of Wichita.
Noon—Lunch served by the K. S. A. C. Block and Bridle club.
1:00 p. m.—Reports upon feeding experiments conducted by the agricultural experiment station: a. "More Gain, Less Grain," Dr. C. W. McCampbell. b. "Wintering Stock Cattle," M. A. Alexander. c. "Creep Feeding," J. J. Moxley. d. "The Relative Value of Several Protein Supplemental Feeds in Cattle Fattening Rations," B. M. Anderson.
Question box, Doctor McCampbell.

MACMILLAN WILL PUBLISH
NEW BOOK BY WALTER BURR

Publishing House Accepts Manuscript of "The New Community"

The manuscript of "The New Community," by Prof. Walter Burr, has been accepted for publication next fall by the Macmillan company. The book will contain about 50,000 words. Advance sale is being carried on to agencies dealing with national advertisers. The volume may be used as a text in classes in community organization, or as a reference book in rural sociology, community organization, and allied fields.

"The aim has been to present a new picture of the community," says Professor Burr. "Instead of basing conclusions on surveys made in the past, the present status and future trend of the community is used."

"Rural Organization," by Professor Burr, was published in 1922 by Macmillan. It has been adopted as a text and reference book in a number of colleges, and is used in advanced classes by Dr. T. N. Carver, of Harvard.

MEMBERS OF PHI KAPPA PHI
HONORED IN CHAPEL PROGRAM

Certificates Presented to Initiates of Past Year

The annual assembly honoring those who have been elected to Phi Kappa Phi during the past year was held in the college auditorium May 17. Following the overture by the college orchestra, and the singing of

Alma Mater, Miss Grace Derby gave the invocation.

The annual Phi Kappa Phi address was given by Dr. Fred Mason Gregg, professor of psychology at Nebraska Wesleyan university, Lincoln. Certificates of membership were presented by Prof. Ralph R. Price, president of the local Phi Kappa Phi chapter. Charles Stratton, of the college music faculty, played Liszt's "Dance of the Gnomes."

METERMEN HERE FOR
WEEK'S SHORT COURSE

Electrical Engineers Offer Intensive Instruction for Experienced and Inexperienced Workmen

Members of the Midwest Electric Metermen's association are on the K. S. A. C. campus this week—Tuesday to Saturday—for their seventh annual short course, given under the direction of the electrical engineering department.

Work of the school is divided into two general courses to fit the needs of those who desire to learn more concerning their work in metering. Course "A" is designed for those of limited experience and training, and for those engaged where metering problems are not complicated. Course "B" is planned for experienced metermen.

The program for each course calls for lecture periods, laboratory periods, and round table or discussion periods. There will be a series of lectures given in each course by the electrical engineering faculty on general theory. Another group of lectures will be given by manufacturers' representatives and a third group of lectures will be given by representatives of the meter department from the public utilities. A "question box" has been arranged for the discussion of the special problems of the metermen.

EIGHT CHEMISTRY SENIORS
ALL OBTAIN GOOD POSITIONS

Five Are Chemical Engineers—Two Industrial Chemists

Good positions have been obtained by each of the eight students who will graduate in chemistry this spring, according to Prof. W. F. Brown. Five students will graduate in chemical engineering and three in industrial chemistry.

The chemical engineers are: Robert F. Childs, Hugoton to general laboratories of Armour & company, Chicago; Walter R. Helm, Chanute, Hercules Powder company, Kenville, N. J.; Joe Hyer, Coffeyville, who will start a laboratory for the Shell Oil company at Houston, Tex., and later have charge of an experimental plant; L. M. Mischler, Sabetha, lacquer division, Sherwin-Williams Paint company, Chicago; C. E. Schwandt, Manhattan, research for Aluminum company of America, Pittsburgh, Pa.

Industrial chemistry seniors are: E. H. Kroecker, Hutchinson, fellowship at University of Wisconsin next year; John H. Shenk, Manhattan, will work in chemistry at K. S. A. C. next year; Donald Wade, Manhattan, Proctor & Gamble Soap company, Cincinnati.

EDITH LOOMIS, OSBORNE, IS
FIRST IN YEAR BOOK CONTEST

Five Other Beauty and Popularity Queens Announced

Edith Loomis, Osborne, was announced as winner of the beauty and popularity contest conducted by the 1929 Royal Purple, at the annual ball last Friday night. Miss Loomis is a member of the Delta Delta Delta sorority.

Five other year book queens were chosen as follows:

Helen Kimball, Manhattan, Alpha Xi Delta; Marian Cross, Manhattan, Beta Phi Alpha; Helen Durham, Manhattan, Kappa Kappa Gamma; Marie Arbuthnot, Bennington, Chi Omega; Thelma Carver, Manhattan, Kappa Delta.

BIG DIVIDEND PAID ON
FACULTY INSURANCECOLLEGE ASSOCIATION RETURNS 44
PER CENT OF PREMIUMS

Board of Directors Report First Year's Experience With Group Plan as Very Satisfactory—All Faculty Members Eligible

The Teachers and Employee's association of K. S. A. C. is returning dividends to its members of slightly more than 44 per cent of the amount they have paid for the insurance carried by this group. The net cost of the insurance in the past year was \$6.67 a thousand dollars. The insurance of the members is collected through the business office by deducting the appropriate amounts from the salary checks. During the past year \$1.02 has been deducted each month for each \$1,000 of insurance carried. The members carry from \$2,000 to \$5,000 in insurance, depending upon their salaries.

Checks for the dividends are being mailed to the members this week. Those having \$2,000 insurance during the past year will receive checks for \$11.13; those carrying \$3,000 insurance will receive \$16.70; those with \$4,000, \$22.27; and those with \$5,000, will receive \$27.84.

The group includes the president, six deans, 41 heads of departments, and 153 other members of the faculty. Those who are not members, who are now on the staff, may become members by passing a satisfactory medical examination. New members of the faculty have 60 days following the date when their appointments become effective within which they may join the group and obtain the insurance without medical examination.

The board of directors consists of R. A. Seaton, president; L. E. Call, vice-president; W. E. Grimes, secretary-treasurer; and F. D. Farrell, J. T. Willard, R. R. Dykstra, and R. R. Price.

Following their meeting Monday, May 20, the board issued the following statement: "Our first year's experience with the group insurance has been exceptionally gratifying. The dividends exceeded our expectations, making the net cost of the insurance so low that one cannot afford to be without it. We believe that every member of the faculty who can qualify for the insurance should be a member of the group and share in its benefits."

NEBRASKA WINS TRACK TITLE:
KANSAS AGGIE TEAM IS SIXTH

Five Individuals and Relay Team Place at Ames

Nebraska university won the Big Six conference track meet at Ames last Saturday by scoring 61 1-2 points. Oklahoma was second with 46 2-3, Iowa State third with 41, Kansas U. fourth with 40 1-3, Missouri fifth with 31, and the Kansas Aggies sixth with 19 1-2.

George Lyon was second in the discus throw with 133 feet, 4 1-2 inches, and fourth in the shot put with 44 feet, 4 3-4 inches.

Other Aggie placings were:

Mile run—H. S. Miller, second. Discus throw—C. N. Hinkle, fifth. High jump—O. H. Walker, tied for fifth.

Mile relay, Aggie team fourth. Javelin throw, G. V. Livingston, second; J. E. Smith, fourth.

Wants Everyone to Come

W. R. Browning, '89, Manhattan, suggests that all former students who were at K. S. A. C. but did not graduate with the class of '89, should attend the '89 class activities during commencement week. This is a fine suggestion and should apply to all former students who are members of any of the reunion classes.

C. H. Scholer a Critic

Prof. C. H. Scholer, head of the department of applied mechanics, received notice recently of his appointment as critic member of the Ameri-

can Concrete institute's committee on permeability of concrete. The American Concrete institute is an organization interested in the various factors involving the use of concrete. Professor Scholer's duty will be to criticize the publications proposed for issue by the institute on the particular subject of concrete permeability.

STAR PRESS ELEVEN
ANNOUNCED BY COACH

Newspaper Team Picked From Those Who Have Published Kansas Papers During Past Semester

An all star eleven for newspaper publishing teams was announced last week by F. E. Charles, assistant professor of industrial journalism and director of the press team work. Those who were named for the picked group were chosen from student teams which edited the following papers during the semester:

Minneapolis Messenger, Frankfort Daily Inland, Marshall County News of Marysville, Linn-Palmer Record, Clay Center Times, Great Bend Daily Tribune, Salina Daily Journal, Topeka Daily Capital, Republic City News.

Members of the team were:

Editor-in-chief, Gladys Suiter, Macksville, former editor of the Kansas State Collegian and a member of Theta Sigma Phi, honorary organization for women in journalism.

Business manager, Charles Dean, Manhattan, former assistant editor of the Collegian, and a member of Sigma Delta Chi, journalistic fraternity for men.

City editor, John Chandley, Kansas City. Editor of the Collegian and former president of Sigma Delta Chi.

City hall reporter, Helen Sloan, Hutchinson, member of the Collegian and Royal Purple staffs, Quill club, and Theta Sigma Phi.

Local reporter, Catherine Halstead, Manhattan, president of Theta Sigma Phi.

Society editor, Lucille Chastain, Manhattan, former society editor of the Collegian.

Farm writer, Johnson Holmes, Manhattan, member of Sigma Delta Chi.

Sports editor, E. C. Richardson, reporter for the Manhattan Mercury, member of Sigma Delta Chi.

Telegraph editor, Fred Seaton, former sports editor of the Collegian.

Advertising manager, Chester Ehrlich, Marion, business manager of the Brown Bull.

Five members of the team have been newspaper employees at one time or another—Seaton, Richardson, and Chandley on the Manhattan Chronicle and Mercury; Miss Sloan on the Hutchinson News, and Watson on the Frankfort Daily Index.

COMMENCEMENT WEEK

| Class Reunions | |
|----------------|-----|
| '79 | '04 |
| '84 | '09 |
| '89 | '14 |
| '94 | '24 |
| '99 | '29 |

SUNDAY, MAY 26

8:00 p. m. Baccalaureate, College auditorium.

MONDAY, MAY 27

Class Day Exercises
7:30 a. m. Breakfast for senior women by Mortar Board, college cafeteria.

TUESDAY, MAY 28

Alumni Day

1:30 p. m. Dedication of war memorial, recreation center.

2:00 p. m. Alumni business meeting, recreation center.

4:00 p. m. Baseball game, Kansas Aggies vs. Kansas university.

6:00 p. m. Alumni banquet to seniors, Nichols gymnasium.

WEDNESDAY, MAY 29

Commencement Exercises

9:30 a. m. Academic procession.

10:00 a. m. Graduation exercises.

2:00 p. m. Baseball game, Kansas Aggies vs. Kansas university.

WANT GOOD PASTURE?
WATCH YOUR GRAZINGCLOSE CROPPED GRASS MAY BE
KILLED OUT

Its Condition Is Proportional to Frequency and Closeness of Clipping or Grazing—Thrifty Plants Store Starch

The condition and thriftiness of grass in pastures is proportional to the frequency and closeness of grazing, according to Prof. A. E. Aldous, in charge of pasture improvement work of the Kansas agricultural experiment station.

Experiments carried on by Professor Aldous with 12 small plots of grass on Dan Casement's pasture near Manhattan have shown that frequency and intensity of grazing has much to do with the vigor, density, and quality of the stand of grass.

Clipping grass with lawn mower and shears has served to imitate the frequency, closeness, and time of grazing experimented with, since many of the variable and uncontrollable factors encountered in grazing tests with livestock are thus eliminated.

EROSION STARTS, TOO

Four representative ones of the 12 plots were cut at intervals ranging from two weeks to 40 days respectively, or an average of from 14 cuttings during the growing season on plot number one to an average of only four cuttings on plot number four. "On the plot cut at two week intervals throughout the grazing season, which would be comparable to close grazing, a good sod of blue-stem grasses was practically killed in two years time," Professor Aldous declared. "Erosion also had set in during the second year and had removed two inches of soil. On the plot cut at 20 day intervals, a higher per cent of grass remained than on the first plots and correspondingly less erosion was suffered." The plots cut less frequently than either of the first two retained their vigor and thickness of stand to a superior degree, their condition being in indirect proportion to the amount of clipping to which they had been subjected.

Professor Aldous had chemical analyses made of the roots from the various plots and found that the starch stored in the roots—which is the principal plant food storage product—was greatly affected by heavy and frequent clipping. The starch stored in the roots of the grass cut every two weeks was 11.8 per cent; that cut at 20 day intervals showed 15.7 per cent; that allowed to grow without clipping until August first and then clipped every two weeks showed 17.1 per cent starch, and the check plot which was not clipped showed 22.3 per cent.

PLANTS ARE WEAKENED

These data indicate the reason for decreases of the stand in the grass plots, according to the K. S. A. C. pasture specialist. The weakened condition of the plants, he says, makes it impossible for them to withstand the extensive demands on their reserve of food for resuming growth in the spring or carrying on during the growing season and the limited leaf growth is insufficient to restore any of the plant food or even to meet the growing needs of the plant.

In line with these results Professor Aldous has found that the yield of grass per lot has been highest on those plots cut less frequently. He thinks this indicates that light grazing will give a much higher total yield and a higher quality of grass than heavy grazing.

Shields Practicing Law

Balford Quintin Shields, '18, is practicing law, with offices at 77 West Washington street, Chicago. He was admitted to the Illinois bar in 1926. Shields is a member of the Chicago bar association, the Commercial Law League of America, and the Insurance Claim association.

THE KANSAS INDUSTRIALIST

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Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, MAY 22, 1929

NOTES ON THE HELM EXHIBITION

An art exhibition may be visited for any or all of three purposes. One may pinch in his monocle or stick up her lorgnette and saunter in as a patronizing critic who knows altogether too much about technique, theories, methods, and schools of art.

Or, secondly, one may frankly admit present ignorance on the mechanical side but go to a gallery to learn a little about what is art and why we do or don't like this and that picture.

Thirdly, there are those of us who simply enjoy beautiful things without knowing why. We claim a real, though unschooled, sensitiveness to the aesthetic and we are very pleasantly stirred emotionally by vivid color harmonies, delicate textures of line, and decorative compositions.

Probably most of the art lovers on this campus and in Manhattan visit our art exhibitions both to enjoy and to learn about art, to indulge and to cultivate aesthetic sensitivity. The present Helm show is an ideal one for both purposes. There is much real beauty in the 50 water colors, 12 etchings, and 4 colored pencil sketches which may be enjoyed even by those who profess little definable appreciation. And Professor Helm is very gracious about answering the most elemental questions about what he saw and was expressing, if one needs a little aid in artistic discernment, or about his "new technique" and whether he is "modern" or entirely individual, and so on.

The first visit—there should always be more than one—to a showing of water colors is an exhilarating experience. One gets a single impression of the whole—a composite of glamorous color, of scintillating light, buoyant atmosphere, and lilting rhythms. In later visits one lingers over growing favorites.

Professor Helm's high keyed and exquisitely harmonized colors fill the gallery with vibrant light. The small gallery on the architecture floor is an appropriately intimate display space for his colors, for the delicacy of line, and the simple, decorative qualities which characterize his designs.

Those who have seen other Helm exhibitions will at once see that he has been experimenting with a new water color technique. His studies are still done in flat wash, the most satisfactory treatment with water color. But there is a new technique feature which may be rather ineffectively described as color washed on in ribbons. The continuous lines contribute rhythm to the movement of a scene, and form a simple but highly decorative background, or foreground, in the painting. Within the narrow width of each "ribbon" there is rapid gradation of color tone, and even of one color into another, which gives the effect of glowing reflection of light and mellow melody of hues. So the simple looking "technique" accomplishes much.

One of the most striking of the new things in this manner is "Siesta," a study of a cow "knee deep" in vivid yellow and green. "Green Wagon," in which the washes of color suggest the rolling prairie fore-

ground, is one of the most successful. However, its decorative value is perhaps best realized in "Witches' Brooms," which has charming design and delicate but virile trees.

When "Groceries and Meats" was being painted in Keats, the townspeople gathered about to learn what an artist saw in their crossroads store. When a woman with a shawl and market basket began to take form on the porch of the painting's store, the bystanders slipped away one by one and each soon reappeared with a friend. Whispered discussion ensued. It developed that the heated controversy was over just which town character the woman was supposed to be. These laymen observers of art did not sense that the woman in the picture represented rural woman, universal, and no individual resident of the town.

This story illustrates the attitude of many persons who expect an artist to merely reproduce what he sees. If this were done the pictures would be merely photographic, and not creative. The artist is painting truth, not facts.

This artist does nothing better than trees. Birger Sandzen does something with trees, too. But something different. And that difference seems to represent the distinction between the two artists' work in general. Sandzen's trees are huge, gnarled, weather twisted, mighty, and strong. There is strength in Helm's trees, too, but it is combined not with rugged coarseness, but with a delicacy and charm which are particularly delightful.

"Sycamores in Spring" has lovely trees and trees are integral parts of a number of the etchings.

Professor Helm excels in portraying the third dimension, a characteristic much desired by modern artists. It is the illusion of distance or depth and a technical matter of perspective.

Distance is apparent to a remarkable degree in both etchings and water colors. One senses it especially in the compositions of rolling and patterned fields characteristic of this part of the country.

In fact, if one is looking for fine examples of artist portrayal of the middle west, as most of us probably are, there has certainly been nothing better here this year than several of the water colors and etchings in this exhibition.

"Over the Hill" would be a gorgeous one to own. "In Kansas" not only has an amazing feeling of distance, but the fields roll out in pleasing patterns and diffused but brilliant sunshine is reflected from green land, blue sky, and summer clouds. Color, harmony, simplicity, decorative quality of composition, and beauty of light reflection are all particularly fine in this painting.

Professor Helm's work is becoming increasingly decorative. The patchwork of cultivated fields lends itself admirably to a stunning type of decorative design, which looks quite modern with some features of the impressionistic school. "On the Alta Vista Road" combines planes of light and shade and the sharp contrast of complementary colors placed side by side in definitely defined blocks. "Design" is as simply and effectively patterned on a smaller scale.

Decoration is not confined to this one treatment. It is perhaps more conventionally achieved in the charming and intriguingly simple water color "Spring" which seems to be a favorite with many visitors. "Snow in Spring" has the sort of decorative appeal that "grows on one."

Those who have noticed that one etching, particularly, and several of the water colors, are suggestive of Japanese prints, may be interested to know that Professor Helm accounts for the effect by the point of view from which he made his sketch. The viewpoint is above the scene, looking down and across. The unusual perspective looks almost distorted at first acquaintance, but it gives opportunity for effective and, of course, decorative tracteries of design. The etching "Wildcat Valley" looks very Japanese and is appropriately printed on Japanese paper.

Etching has been called the art of the line. Its strength lies in suggestion and indication. It tells a story in a few words, with little de-

tail and no elaboration. Considering the difference in the limitations and technique of etching and water color, it is worth comment that one man should excel in both media. In several instances Professor Helm has presented the same sketch in both water color and print.

"Montreuil-sur-Mer," the European street composition, may be seen in both media. The etching has been honored in several national exhibitions this winter and is one of Professor Helm's finest. "On the Keats Road" and "Saplings in Winter" are other important prints.

Incidentally printing is itself an

alumni board and livestock meetings.

Captain I. Loren Fowler, '15, and wife and baby visited Captain Fowler's parents in Manhattan. He was stationed at Camp Pike, Ark.

Mrs. Ada Q. Perry announced the engagement of her daughter, Annette, to Howard A. O'Brien. Miss Perry was associated with the Capper publications and Mr. O'Brien was to be graduated in veterinary medicine.

TWENTY YEARS AGO

Con M. Buck, '96, was appointed city engineer for Manhattan.

President Nichols delivered the

ORDINARY MIRACLE

From "Burning Bush," by Louis Untermeyer

Silence came with the sunset. Suddenly our anger crumpled as the clouds gave way
Before a light that melted earth and sea
Into each other. Wordless, your hand lay
Healing in mine, asking no words of me.
The earth had spoken. There was no more to say.

SUNFLOWERS

H. W. D.

TAG ENDS

Vacation from school is upon us and the school year is frazzling in a way to make teachers wonder what it's all about, if anything.

Only the threat of final examinations keeps the student at his books. When he forgets that final ordeal he is listless, lazy, uninterested. His favorite teachers bore him unbelievably. His cronies irritate him. His only thought is of the time when he can dismiss from memory the stuff that is making his mind ache.

If someone would only work out a scheme to tie up tag ends the moment they begin to flutter about, life would be much sweeter.

So whimper collegiate youth and the college professor. So cry school boy and school girl and school marm.

But there is really little use to spend time in moaning. Everything has its tag ends—everything in which time is a factor. The day has its tag ends, the night has its tag ends, June has its tag ends, holidays and vacations have tag ends. Even life itself has tag ends—the saddest fact of all.

A gentleman and a doctor by the name of Osler once proposed a painless way of removing the tag ends of life. But he was laughed at, even though his solution is the only possible solution. The tag ends of the school year can be avoided by calling everything off a month before anyone expects it. Clever idea? No? Well,—

The fact is that no matter how much tag ends may tire us and bore us, we are never quite satisfied without them.

This column, for instance.

No?

FEWER WORKERS, GREATER OUTPUT

An economist states that the number of automobiles manufactured in 1914 could be produced today by only 30 per cent as many workers as were then required. The same quantity of iron and steel produced in 1914, he says, could now be turned out by one-fourth fewer workers. And the stone, clay, glass, and chemical lines could equal the 1914 output with one-third fewer men on the job.

The same tendency is apparent in transportation. The last annual Railroad Year Book showed 288,462 fewer men employed on the railroads than in 1920. That is a reduction of 14 per cent, though the tonnage carried has increased.

An intense man-power-reducing movement is in progress in America. Automatic and semiautomatic machinery, new machine processes, larger scale tools that increase the worker's capacity, all lend themselves to it. Fewer workers are able to turn out more of the products of work. Those engaged in any industry that fails to keep step with this movement are necessarily penalized, because the proceeds must be divided among a proportionately larger number than in other lines.

Viewed in that light, the further decrease in 1928 of nearly 600,000 in the farm population, bringing it to the lowest point in 20 years, is not a matter for worry. It is a sign that agriculture is adjusting itself to the trend of the times, especially since the output in nearly all branches of farming is increasing.

Worry over what will become of those displaced in agriculture or industry is needless. It is a process that has been going on for a hundred years, and all through that period living conditions have grown steadily better.

—From the Country Gentleman.

Safe Tour to Wisdom of Ages

H. W. Davis

Culture is the sum total of all the good leisurely and not-immediately-purposeful thinking that the world has done, whether this thinking has taken form in music, sculpture, painting, or language. And language is the most efficient mode of expression that the race has yet evolved. When man discovered language he made a permanent institution of the human mind, opening up the mental life of every individual to the inspection of every other individual living and yet to live. Literature is the most accessible repository for the best considered experiences of man. Into it he has poured his deepest, sincerest, most permanent thoughts.

Music has been called the universal language, architecture has been called frozen music, and painting has been called almost everything. But it must be remembered that these three forms of artistic expression appeal largely to the sophisticated; also that they express emotional rather than mental states and are hence less sure of correct interpretation. If you do not believe me, visit any museum of art and listen to visiting American school teachers rave on.

For the great majority of people, literature is the smoothest and best marked highway on which to pursue culture. Unfortunately there are no speed regulations, but the road is fairly safe for those who are willing to drive slowly and enjoy the view. It is a busy highway, there are many alluring side trips, and the detours may be bottomless at times; but everything considered, it is the safest and by far the most popular tour to the wisdom of the ages.

art. Texture and tone quality are partly dependent upon the use of the rag and ink.

Professor Helm does most of his etching in dry point, considered the most difficult. But he has just made an interesting experiment with a combination of dry and acid etching on one plate.

The colored pencil sketches are as intriguing as they are unusual. Professor Helm considers the colored pencil a valuable medium for sketching compositions which he will later present in another media. But they are delightful things in themselves. The sketches in the present show are done in an impressionistic technique, that is, the color is broken up into bits. As a result the whole dark background glows and vibrates with color. What whimsical things they would be above one's desk!

By the way, the hanging of an art exhibition is alone an art. To decide what painting shall hang in the light, which in the shadow, which one needs south light and which north, which can be grouped together on one wall space—all of this requires the exercise of many art principles. Color harmony, of course, but also balance of mass and form, rhythm of line, and a unified composition of the group.

A highly sensitive art sense is evident in the hanging of this exhibition. One of the most pleasing combinations might be mentioned—one could live joyously with "Witches' Brooms" and Blue Green" hung side by side on one's own wall.

—L. H. N.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Ivy Fuller, '13, was a reconstruction nurse in the Walter Reid military hospital.

Louis Timmons, f. s., returned from overseas where he served with the 117th ammunition train.

George C. Wheeler, '95, editor of the Kansas Farmer, attended the

commencement address of the New Mexico College of Agriculture and Mechanic Arts, at Mesilla Park, N. M.

Earl L. Shattuck, '07, was taking a course in manual training in the college shops. He was assistant in mathematics and mechanic arts in the Louisiana Industrial institute at Ruston, La.

Prof. C. M. Brink went to Lindsborg to serve as judge at the annual oratorical contest at Bethany college. This was the eighth time within two months that he had been asked to serve as judge in oratorical contests.

THIRTY YEARS AGO

The college issued a bulletin entitled, "Cold Storage for Fruit."

J. A. Conover, '98, narrowly escaped injury from an attack by a two-year old Guernsey bull.

The college was to have two new buildings before another year—the agricultural hall and a large additional mechanical engineering shop.

FORTY YEARS AGO

Mrs. R. M. Tunnell and niece, Mrs. Kurtz, of Boise City, Ida., visited the college.

F. G. Kimball, '87, took the civil service examination for postal clerks in railroad service.

The annual address was given by Judge N. C. McFarland of Topeka, who was well known throughout the state for his sound judgment and sympathy with progressive farming.

FIFTY YEARS AGO

Marion Glasgow caught a catfish weighing 76 pounds.

Will Burnham expected to come for a visit. He had been a cadet at West Point for two years and was to have a leave of absence.

Professor and Mrs. Platt, accompanied by Ettie Campbell, Ella Vincent, John Mann, and Will Eckman, attended a musical convention at Council Grove.

Everything is worth what its purchaser will pay for it.

—Publius Syrus.

AMONG THE ALUMNI

M. M. Muguerditchian, '20, is now located at Morton Grove, Ill., Box 145.

M. W. Bloom, '27, is in promotion work with the General Implement company, Racine, Wis.

Esther Weisser, '29, will teach English and history in the Belleville high school the coming year.

Rev. Arthur D. Rice, '92, pastor at Basehor, visited at the home of his sister, Ada Rice, '95, in Manhattan last week.

George Knapp, '14, division engineer for the Orient railroad in Kansas with offices in Topeka was a visitor on the campus recently.

E. J. McWilliams, '24, principal and coach in the Auburn high school for the past two years, has accepted a position as principal of the Berryton high school for next year.

R. H. Lush, '21, professor of dairy husbandry at K. S. A. C. since 1923, and at the present time on leave to study at the University of Wisconsin, has accepted a position at Louisiana university, Baton Rouge.

Ralph Snyder, '90, president of the Kansas state farm bureau and of the K. S. A. C. alumni association, recently attended an executive board meeting of the farm organizations of Nebraska, Iowa, Kansas, and Missouri, held in St. Joseph, Mo.

Lieutenant Karl Frank, f. s., and Eva (Travis) Frank, '22, and three children visited in Manhattan recently on their return from Honolulu, Hawaii, where Lieutenant Frank has been stationed for the past three years. He is now stationed at Fortress Monroe, Va.

MARRIAGES

BOYD-LAGERSTROM

The marriage of Lila Mae Boyd, University of New Mexico, to Charles E. Lagerstrom, f. s., took place on May 11 in Topeka. Mr. and Mrs. Lagerstrom will make their home in the El Camino apartments, Topeka. Mr. Lagerstrom is a salesman for the Wolff Packing company.

DEATHS

SCHWARDT

An infant daughter born to H. H. Schwardt, '26, M. S. '27, and Bernice (Hedge) Schwardt, '24, on April 15, died when a few hours old. Mr. and Mrs. Schwardt live in Fayetteville, Ark.

FRANK

Joseph E. Frank, Detroit, Mich., died at the Speedway hospital in Chicago on April 21. He is survived by his wife, Lenora (Nicolay) Frank, f. s. Mr. Frank formerly lived in Manhattan.

BIRTHS

Edwin O. Adee, '19, and Blanche (Platt) Adee, f. s., of Minneapolis, announce the birth of their daughter, Joanne, on April 21.

Clifford W. Currie, f. s., and Virginia (Carney) Currie, f. s., of Concordia, announce the birth of their son, Charles Burton, on May 9.

Archie L. Hodgson, '14, and Virginia (Sherwood) Hodgson, '12, of Harveyville, announce the birth of their son, Raymond Sherwood, on May 7.

BOOKS

Muddling Through the Civil War

"Organization and Administration of the Union Army." By F. A. Shannon. The Arthur H. Clark Company. Cleveland. 1928. 2 Vols. \$25.

It is astonishing that of all the books that have been written about the Civil war this is the first one to give adequate attention to the mechanics of recruiting, organizing, and administering the victorious army. In 1861 it still was true that wars

CLIP AND MAIL TO ALUMNI OFFICE AT ONCE

ALUMNI-SENIOR BANQUET RESERVATIONS

I will attend alumni day activities Tuesday, May 28.

Reserve.....tickets to the alumni-senior banquet, 6 o'clock, Tuesday evening.

(Tickets are \$1.50 each. Reservations will be held until 2 o'clock Tuesday afternoon.)

Signed Class.....

Address

were fought by armies chiefly rather than by entire populations. Hence, it is curious that comparatively little historical research had been devoted to the subject of this book until Doctor Shannon undertook the work. But it is in no sense astonishing that the author, a member of the history faculty at Kansas State Agricultural college, has received the Justin Winsor prize awarded in 1928 by the American Historical association, and the Pulitzer prize for the best essay on American history published in 1928. The book is distinctly of the blue ribbon sort.

The more one reads of the history of the United States the more the wonder grows that the country has survived its crises. Doctor Shannon's vivid description of the chaos, the official bungling, and other unfavorable conditions attendant upon the raising of the Union army still further increases the wonder. Thanks to our school histories and to Fourth of July and Memorial day orations, many of us are accustomed to thinking that the north was united on the larger issues in 1861 and that the occupants of key positions in the government after March 4 of that year were competent and statesmanlike. The richly documented chapters of this book show that the reverse was true and make it appear all the more remarkable that the Union finally muddled through to victory. Perhaps it might as well have been a historian as a poet who coined the phrase, "There's a divinity that shapes our ends."

The book contains 12 chapters and an appendix. The content is suggested by such chapter headings as, "The State-Rights Principle Applied to the Army," "Feeding and Clothing the Volunteers," "Daily Life of the Soldier," "The Collapse of State Recruiting," "The Mercenary Factor," "The Slacker Problem," and "The Conscientious Objector." The nature of the subject matter, the incisive clarity of the author's style, and the beautiful typography make the reading of the book decidedly easy. Several excellent illustrations are included.

The book presents impressive evidence of the tragic folly of military unpreparedness. If, in 1861, the country had had the benefit of the trained genius of such men as Enoch H. Crowder, Leonard Wood, Charles G. Dawes, James G. Harbord, Daniel Willard, David F. Houston, John J. Pershing, and Herbert Hoover, to name only a few of the key men of 1917 and 1918, the "Boys in Blue" would have been more fairly selected, better equipped, more adequately trained, and better fed and clothed than they were and tens of thousands fewer of them would have been sacrificed to ignorance, greed, cowardice, and incompetence. There was enough of this kind of sacrifice in 1917 and 1918 but it was almost negligible compared with that of 1861 to 1865.

An impression that keeps recurring to the reader is that of the author's prodigious industry. His more than 1,200 citations from books, contemporary newspapers, official reports, and other sources indicate something of the toil involved in the writing of the essay. His point of view is honestly critical. The material is organized and presented in a way that makes the book a delight to the bibliophile or to any reader who has a genuine interest in the history of this amazing country.

—F. D. Farrell.

A. T. Blain, '79, Duarte, Cal., and Jane C. Tunnell, '89, 1142 South Michigan, Chicago, regret that they will be unable to come back to K. S. A. C. for commencement and their class reunions.

OUR OWN FOLKS

Charles F. Swingle, '20, botanist of the bureau of plant industry, recently returned to Washington from a plant exploration expedition to Madagascar, bringing back a mass of plant material which the bureau hopes will prove to contain a number of useful and valuable additions to the ornamental and economic plant life of the United States. Doctor Swingle was accompanied on the expedition by Prof. Henri Humbert, professor of botany in the University of Algiers, Algiers, North Africa, an authority on the plant life of Madagascar. As far as there is record, Doctor Swingle is the first American botanist ever to visit Madagascar. Madagascar is a great island, nearly a thousand miles long, a possession of France, lying in the tropic and temperate zones of the southern hemisphere in the Indian ocean off the southeast coast of Africa.

The material brought back by Doctor Swingle, consisting mainly of live plants and seeds, will be tested for adaptation in the United States, but of course it may be many years before the value of it all is known.

Numerous ornamental plants, shrubs, vines, and trees, some of which are unidentified, were in the collection. Of these, 12 species of Kalanchoe seem to be the most promising, especially in the southern states. Other promising ornamentals collected are a number of specimens of elephant's foot, several cloces, and a striking and rare hibiscus-like plant.

In the collection are 23 lots of plants which seem to have some value as potential sources of rubber. Ten of these are now being commercially exploited for rubber in Madagascar, Doctor Swingle says. Some of them have been introduced previously into the United States and are now being tested in the department's experiment garden in southern Florida, but undoubtedly several are entirely new to the United States. The southern part of Madagascar, which lies just outside the tropics in the south temperate zone, is like parts of our own southwest in many respects and the bureau hopes that some of these new rubber plants may be adapted there.

Apparently the real prize of the expedition consists of live specimens of Euphorbia Intisy, an almost extinct species of rubber yielding plant. Twenty-five years ago the rubber from this plant was highly prized in France for making automobile tires, and at the height of its commercial exploitation this rubber commanded a price above \$1.20 a pound, which was a high price at that time. But the high value of this rubber spelled the doom of the species as a commercial one, at least for the time, for the natives collected the rubber so ruthlessly that even most botanists acquainted with Madagascar feared the species had become entirely extinct. The Humbert-Swingle expedition located some of these plants growing in an arid region, subjected yearly to six months without rain and sometimes to drought lasting as many months. This plant, which is almost leafless, is able to withstand these extremely arid conditions by having a water-storing root system of unique type.

Before leaving Madagascar with the collection, much of which was obtained near Fort Dauphin on the southeast coast, a city which Doctor Swingle says is the farthest city in the world from United States soil, Doctor Swingle left a duplicate set of the living plants at Tananarive, the capital in the east-central inte-

rior, as a sort of "nest egg" to provide replacements in case of losses or injury to the collection during its long journey to the United States. Another duplicate set was sent to the University of Algiers, which cooperated in the expedition.

Plant collections of this kind are not obtained without considerable labor, time, and hardship. In the relatively inaccessible and little-known southern part of the island, where Doctor Swingle spent most of his time, transportation was extremely difficult. Although some of the traveling was made by automobile, at times it was necessary to use the "filanzana," a peculiar sedan chair swung on two 10 foot poles carried by four natives, the four men alternating every five minutes or so with the four others who make up the eight-man filanzana crew. With the baggage carriers and guides, the party on the march consisted of 40 or 50 men, and 30 miles a day was a good day's travel.

Doctor Swingle's trip was made possible through the cooperation of the bureau of plant industry with the Arnold Arboretum of Boston, the University of Algiers, and by the friendly interest and numerous courtesies of the French and Madagascar governments.

Mrs. Mildred (Berry) Swingle, '19, attended K. S. A. C. last semester. The Swingles now live in Washington.

The Stewart Notes

Colorado Springs, Col., May 13, 1929.

TO THE INDUSTRIALIST:

My Anderson notes, in a recent INDUSTRIALIST, brought out letters from several old, old friends. I am glad of an opportunity to make brief reference to these letters. I dare not yield to the temptation to go into details, for fear my comment would extend beyond the limits of publication. I find it hard to restrain myself when there are so many things pressing for expression.

These letters were from Helen Knostman Pratt, housewife, Manhattan; Edith Huntress Rhoades, housewife, Olathe; H. C. Rushmore, traveling man, Kansas City, Mo.; W. H. Sikes, merchant, Leonardville; W. C. Howard, retired Methodist minister, Los Angeles, Cal.; I. D. Graham, state board of agriculture, Topeka; E. A. Allen, U. S. Indian service, Cass Lake, Minn.; and C. O. Smith, newspaper business, El Cajon, Cal. How I should enjoy reviewing these letters and commenting on the lives which they represent.

Doubtless many early graduates and old students, still in touch with the great institution, after reading my notes, have had their hearts stirred and have lived over again in memory the dear old days at K. S. A. C. With what pride, from year to year, have we witnessed the marvelous growth of the school from the days of beginnings when we were associated with it, and how proud we are to be numbered among its students. How we have longed, again and again, to revisit the old familiar haunts, and have recalled many of the events of those years and the names and faces of those who shared them with us. How proud we are of those who have greatly honored themselves and the school by their exceptional life-work, as Harbord, Carleton, the Marlatts, Kedzie, Swingle, Willard, Failyer, Sisson, Nichols, Fairchild, and many others whose names I cannot readily recall.

But the ranks of those who composed the student body of that early day are rapidly thinning. In increasing numbers they are passing on. Those of us who remain are living on borrowed time—beyond the allotted years. How much more life has meant to us for the touch of college training that came to our young lives.

With deep gratitude for my many old college friends.

Very truly,

A. A. Stewart,

1326 West Kiowa Street, Colorado Springs, Col.

John S. Hazen, '89, Canton, N. Y., writes that he will be unable to meet with the class of '89, at commencement time. Mr. Hazen is unable to come because of the serious illness of Mrs. Hazen.

LOOKING AROUND

KENNEY L. FORD

Prof. Kingsley W. Given, f. s., of Berea college, Berea, Ky., prominent as a student at K. S. A. C. in all phases of public speaking and dramatic work, acted as one of the five judges of the Kansas City Star's zone contest in oratory at Convention hall, Kansas City, Mo., on May 11.

While here, Mr. Given was undergraduate assistant in the department of public speaking. He represented the college in the Missouri valley oratorical contest in 1925, placing second. He was a member of the K. S. A. C. debate team which met Oxford university in the college auditorium here in 1926. When the college sent its group to the Cumnock play contest in Chicago in 1925, Mr. Given was a member of the cast of players.

K. S. A. C. has more students majoring in agricultural engineering than any other college in the country, according to last year's figures. Graduates from the department are in demand by many large commercial concerns.

The following seniors have positions: Harold Stover, who completed his undergraduate work in the fall semester, has accepted a position as rural service engineer with the Kansas Light and Power company, at Topeka.

Edgar L. Barger, sales department of the John Deere company, Moline, Ill.

Frank Fear, production work for the John Deere Plow company.

Walter Selby, who finished at the close of last semester, in production work with the John Deere Plow company.

Raymond Tillotson, rural service engineer for the Kansas Gas and Electric company, at Newton.

The local committee of the various reunion classes plan special entertainment and group meetings for their respective classes during commencement activities May 26 to 28. These class meetings are so scheduled that they will not conflict with the general commencement program.

B. H. Fleenor and his local committee have planned for a picnic luncheon, Tuesday noon for the class of '19, at Long's park. The classes of '24, '14, '09, and '94, plan luncheon meetings at the college cafeteria, Tuesday noon, May 28. The class of '99, has reserved a 40 plate dinner at the Congregational church for Monday evening, May 27, from 4 to 6 o'clock. They also plan a noon luncheon at the cafeteria on Tuesday.

Rev. D. E. Bundy has arranged a noon luncheon meeting for the class of '89, at the Pines cafeteria for Tuesday. President F. D. Farrell will speak at this meeting and letters will be read from absent classmates.

The classes of '84 and '79 will spend alumni day reminiscing and visiting college friends.

Tune in On KSAC

Kansas Aggies who are unable to attend the Alumni-Senior banquet, Tuesday evening, May 28, at 6 o'clock in Nichols gymnasium should tune in on station KSAC for the banquet program.

June Layton's nine piece orchestra will furnish the music. Ralph Snyder, president of the K. S. A. C. Alumni association, will act as toastmaster. H. C. Rushmore, '79, Kansas City; W. H. Olin, '89, Denver; J. J. Biddison, '04, Minneapolis, Minn.; C. M. Harger, Abilene, member of the Board of Regents and President F. D. Farrell will appear before the microphone. In addition to the speaking there will be group singing, class yells, and college yells.

George A. Johnson, '29, has accepted a position with the state highway commission and has taken up his work in Stafford county.

Sam Pickard, '23, vice-president of the Columbia Broadcasting company at New York City, stopped in Manhattan recently on his return from the west coast, to meet Mrs. Pickard and continue to Washington, D. C., where they plan to sell their home.

4-H CLUB DELEGATES COMING FOR ROUNDUP

TO TAKE CAMPUS WEEK OF JUNE 3-7

Leaders Expect Thousands or More Visitors, Despite Limitations on Attendance—Youngsters Will Follow Busy Daily Schedule

Between 1,000 and 1,200 Kansas 4-H club boys and girls are expected to make the Kansas State Agricultural college campus a beehive of activity during the seventh annual state wide roundup, June 3 to 7. Last year more than 1,200 boys and girls were present along with several score leaders and supervisors, and although some limitations have been put upon the attendance this year, nearly as large an attendance is being planned for by M. H. Coe, state club leader, and his assistants.

The roundup catalog explains that the four day meeting is not just a gathering of 4-H club youngsters but has the important purposes of providing inspiration, education, and entertainment for members and leaders. It is intended to provide training in those lines in which country life is deficient—the social, recreational, and group aspects.

LACK ACCOMMODATIONS

Boys and girls between 14 and 20 years may attend the conference if they qualify under certain regulations of club work. No county is allowed more than 50 delegates this year and the delegation must be divided evenly between girls and boys. Several new restrictions on attendance were made necessary by the lack of housing facilities on the campus, Miss Edna Bender, assistant state club leader, said.

The opening session of the roundup will be Monday evening, June 3, when all delegates should be present. The club boys and girls are divided into groups for instruction, entertainment, and recreation throughout the week. Boys will be housed in the big main floor of Nichols gymnasium, while the girls will be accommodated in Van Zile hall, the women's dormitory. A typical day's schedule follows:

6:00 a. m.—rising.
6:30 a. m.—breakfast.
7:45 a. m.—assembly.
8:30 a. m. to 11 a. m.—regular classes.
11:00 a. m.—4-H rally, Who's Who meeting.
11:45 a. m. to 12:45 p. m.—dinner.
1:00 p. m. to 2 p. m.—general assembly.
2:00 p. m. to 5 p. m.—sight seeing trips, recreation, rest, and swimming.
5:30 p. m.—supper.
6:30 p. m. to 7:30 p. m.—community recreation on campus.
7:30 p. m. to 9:30 p. m.—auditorium program, stunts, and play.
10:00 p. m.—lights out.

HOLD ANNUAL BANQUET

A huge banquet—come to be an annual closing feature of the club roundup—is scheduled for Friday evening. Scores of contest winners will be named and presented publicly following the banquet. Contests represent every activity of 4-H clubs—homemaking, sewing, music, play, health, farm projects, leadership.

Two new awards have been added to the list this year. The Kansas Bankers' association is offering a \$50 trophy to the most outstanding county delegation to the roundup—based upon the efficient conduct of the group while on the campus. A news writing contest will be instituted at the roundup this year, with awards coming for the first time in 1930 at the roundup. First prize will be a trip to Chicago for the winning individual. A class in news writing is included in the instruction this year, and the "right writing" contest will be launched through it.

A daily newspaper—the 4-H Sunflower—will be published by the youngsters during the roundup.

Approves New Walk

Construction of a concrete walk leading from the east entrance of Nichols gymnasium to Thompson hall, the cafeteria, has been approved by President Farrell, and probably will be included in the new budget of the building and repair department. The improvement was suggested by the campus committee of the sophomore class.

Exhibit Rare China

An exhibit of rare china is on display this week in Calvin hall. Much of it is loaned from the private collection of Mrs. J. T. Willard.

Aggie Baseball Schedule

Apr. 2 St. Marys 2, Aggies 5
Apr. 12 Aggies 8, K. U. 6, at Lawrence
Apr. 13 Aggies 6, K. U. 7, at Lawrence
Apr. 26 Aggies 3, Missouri 2
Apr. 27 Aggies 11, Missouri 10
May 3 Aggies 2, Nebraska 3
May 4 Aggies 0, Nebraska 1
May 10 Aggies 7, Iowa State 1
May 15 Aggies 4, Oklahoma 5
May 16 Aggies 5, Oklahoma 3
May 17 Aggies 7, Nebraska 8
May 18 Aggies 1, Nebraska 0
May 28 and 29—K. U. at Manhattan

SCHEDULES ARRANGED AT BIG SIX MEETING

Conference Directors Agree on Dates—Aggie Freshman Football Team Meets University November 9

A freshman football game with Kansas university for November 9, at Lawrence, was scheduled at the meeting of Big Six conference officials in connection with the track meet at Ames last Saturday. Missouri freshmen will play Nebraska freshmen at Lincoln November 9.

Freshman games also were scheduled between Nebraska and Oklahoma and Kansas U. and Missouri.

Individual wrestling championships of the conference will be decided at Manhattan March 7 and 8. A round robin dual meet schedule was arranged for wrestling.

The 1929 cross country championship race will be held at Lincoln on Thanksgiving day.

Missouri university will get the conference track meet, provided the new Tiger field house is completed in time for the event.

The 1930 Kansas Aggie conference football schedule was arranged as follows:

Oct. 18—Kansas U. at Manhattan.
Oct. 25—Oklahoma at Norman.
Nov. 1—Missouri at Manhattan.
Nov. 15—Iowa State at Ames.
Nov. 22—Nebraska at Lincoln.

The Aggie dual meet schedule for cross country, in the conference, is as follows:

October 26—Oklahoma at Manhattan.
November 2—Missouri at Columbia.
November 9—Iowa State at Manhattan.

I see that sensible men and conscientious men all over the world were of one religion. —Emerson.

PROGRESS OF KANSAS PRESS

F. E. C.

A new use for old files has been found by the Blue Rapids Times. The Times printed two cuts from the files of the paper printed a quarter century ago. The pictures are of two men, early settlers of the county, and their names are not given. It remains for the readers to recognize these men or wait until the following week when their names are given. Credit for this idea should go to Harlow E. Tibbetts, who owns and edits the Times.

A. M. Gilmore, editor-manager of the Wamego Times, has put the Times in the twice-a-week class. The paper is printed ready for delivery to subscribers each Tuesday and Friday morning. Says Editor Gilmore: "This has been a very heavy week for advertising and we are glad to give you the paper in two doses instead of one bulky edition. In this way you have had more time to look over each edition and derive more benefit from them."

Other newspapers must be up on their toes to keep abreast of the Burlingame Enterprise-Chronicle when it comes to adopting innovations in make-up. Stodard & Stodard, editors and publishers, have adopted the new type headline advocated by Mergenthaler Linotype company and designed to tell the story at a glance and emphasize the key words by setting them in larger type than the rest. Get a copy of the Enterprise-Chronicle and see how you like the heads.

THE TRADITIONAL EDITOR

Kansas grasshoppers, Kansas Populists, and Kansas sod schoolhouses have had their day and are gone. But the Kansas newspaper editor has weathered the winds of the one time prairie; he is a man men don't forget. Heaven grant that his kind will be with us always.

Somehow a Kansas newspaper editor is different from others. He has the traditions of fighting factions, moral and material, as a background. And he inherently is a booster for the best in his state. He isn't so far

RECORDS ENDANGERED IN RELAYS CARNIVAL

ONE WORLD'S CHAMPION IN MEET HERE SATURDAY

Eighth Renewal of Annual Missouri Valley High School Classic Promises to Be Speedy—Eight States Represented

Records which two months ago appeared safe for years now appear certain to fall at the eighth annual Missouri Valley Interscholastic relays carnival, sponsored by the college at Stadium field next Saturday.

Major interest, of course, centers around one Elwyn Dees of Lorraine, who last Saturday set a new high school record for the 12 pound shot put with 58 feet, 1 3-8 inches. The old record was 56 feet, 3 inches, set by John Kuck, also a Kansas boy, in 1924.

Sixty-eight high schools from eight states are entered in the meet, 19 of the schools being from outside the state.

Not all the interest will center in track and field events, as the annual golf and tennis carnival will be held Friday and Saturday, May 24 and 25. Track Coach Ward Haylett is manager of the relay carnival.

State champions of various states will be as thick at the meet as county champions at the average high school gathering, but if the past is a criterion, many of the medals adorning chests after the meet will be the property of those whose fame was entirely unheralded before.

The high schools entered, classified by states, are as follows:

Arkansas—Russellville.
Texas—Lufkin.
Oklahoma—Blackwell, Tishomingo, Greenfield, Edmond, Classen of Oklahoma City.
Nebraska—Wesleyan of Lincoln, Lincoln of Lincoln, Friend, Pawnee City, Aurora.
Iowa—Boone.
Colorado—Sterling, Eads.
Missouri—Butler, Benton of St. Joseph, Excelsior Springs, Trenton.
Kansas—Wichita, Wyandotte of Kansas City, Topeka, El Dorado, Wellington, Lorraine, Hoisington, Pleasanton, St. Marys college academy, Lost Springs, Miltonvale, Grant Township of Stark, Marysville, Ingalls, Hope, Harveyville, Jamestown, Seneca, Severy.

removed from pioneer days to have forgotten who made his Kansas for him; nor so far away from the great industrial centers to lose trace of the big connection he has with westward tending civilization. Broad in mind and kind at heart, staunch, dependable, he grows with the Kansas he loves.

The Kansas editor is a part of your community you've trusted since the days when you first launched out in the glorious independence of new-found manhood. . . .

Kansas country newspapermen have made Kansas history, and they'll continue to make it as long as fearless standpatters hold down the swivel chairs in Beacon and Advocate offices over the state's length and breadth. . . .

America hasn't depended entirely upon its eastern literary centers, so-called, for its interpretations of and for humanity. There is talent, sympathy, understanding, in Kansas newspapers, balanced only by the profundity rarely equalled that we find over the state. The Kansas press has its humor, too, and its gems in poetic expression. And back of it all is the sturdy, faithful, kindly editor of the country weekly.

The Sunflower state of 1929 has its editors of the old school, the glorious days when they were "on earth for the first time" some 40 or 50 years ago, when they were the steady heads and hands of our younger commonwealth. They kept all night vigils as office boys and cub writers under tutorship of blustering, honest, fighting heroes of the press in the days when Populism and other national issues made Kansas journalism more than a mere habit. They have waited until raw hours of the morning for election returns, national and local, due for next day's issue of the paper, and they've kept right on the job with an always increasing liberality and insight regarding their fellowmen, telling the world's news to their readers.

Heaven grant that we'll always have their kind with us!
—Helen Hemphill in "Jayhawk."

Herington, Leon, Chanute, Argonia, Viola, Le Roy, Ellsworth, Scott City, Winfield, Lewis, Clay Center, Salina, Manhattan, Waterville, Morrowville, Holton, Beattie, Sabetha, Highland Park, Hill City, Clyde, Garnett, Tescott, Junction City, Stafford, Newton, Cheney, Miller, Independence, Delavan.

Students We Like to Get

A member of the college freshman class next fall will be Miss Georgiabelle Wilkerson, of Campus, who won two scholarships and cash prizes amounting to a total of \$210 in the K. S. A. C. contests this spring. Miss Wilkerson was graduated last spring from Grinnell high school. In four years of high school she has placed in 15 state wide scholastic contests.

NEWSPAPER CONTEST WINNERS ANNOUNCED

Competition Close Among Entrants in Nine Groups, According to Judges —A Tie in Class Six

First place in class one of the annual state high school newspaper contest conducted by the college journalism department was won by the Topeka High School World, of Topeka high school. Second place winner was the Pantograph, of Wyandotte high school, Kansas City.

Competition in each of the eight classes of the contest was very close, according to Mrs. Lilian Hughes Neiswanger, assistant professor of industrial journalism, who was in charge of the grading.

Class one is for newspapers in the high schools of Kansas City, Wichita, and Topeka.

Other winners were as follows:

Class two (more than 500 enrolment, excepting class one): Won by the Pratt Mirror, Pratt. Second, the Ark Light, Arkansas City. Third, Pittsburg Booster, Pittsburg.

Class three (301 to 500): Won by the Augustan, Augusta. Second, the Tatler, Chanute. Third, The Mission, Merriam.

Class four (101 to 300): Won by the E. H. S. Bearcat, Ellsworth. Second, the Decatur Dictator, Decatur. Third, the Holtonian, Holton.

Class five (100 or less): Won by the Community Echo, Bucyrus. Second, Netawaka-Kansas, Netawaka. Third, Randall Rural Record, Randall.

Class six (junior high schools): Won by the Roosevelt Record, Wichita and the Nor'Wester, Kansas City (tie). Second, the Live Wire, Leavenworth. Third, the Hamilton Herald, Wichita.

Class seven (magazines): Won by the Prairie Owl, Gaylord.

Class eight (newspapers printed in high school plants): Won by the Pantograph, Wyandotte high, Kansas City. Second, the Ark Light, Arkansas City. Third, the Tatler, Chanute.

Class nine (high school departments in town papers): Won by Lindsborg High School Mirror. Second, Oswego High School Echo. Third, Windmill Breezes, Coates.

FOUR TEAMS IN RACE FOR BIG SIX CROWN

Baseball Winner Still Uncertain as End Nears

A drop to fourth place in Big Six conference baseball standings was the result of last week's play for the Kansas Aggie team. The Wildcats split a series with Oklahoma, and another with Nebraska.

Because of the fierceness of conference competition, the Aggie team still has a chance to win or tie for the title by winning its two remaining games, scheduled with Kansas university for May 28 and 29. Missouri, Oklahoma, or Nebraska can win the race by taking their remaining games. Oklahoma meets Nebraska at Lincoln this week.

Missouri hopes to "steal a march" on the rest of the conference by playing off a postponed game with Kansas U. at Lawrence this week end. All other conference schools have postponed games which they will not play off, and the margin of one extra might be enough to give Missouri the title.

BIG SIX STANDINGS

| | W. | L. | Pct. |
|---------------------|----|----|------|
| Missouri | 7 | 4 | .636 |
| Oklahoma | 5 | 4 | .555 |
| Nebraska | 5 | 4 | .555 |
| Kansas Aggies | 6 | 5 | .545 |
| Kansas U. | 4 | 7 | .364 |
| Iowa State | 2 | 5 | .285 |

Findley Family Reunion

D. C. Tate, '16, and Edith (Findley) Tate, '18, of 644 Coleman place, Westfield, N. J., are visiting at the home of Mrs. Tate's mother, Mrs. Lena Findley, Manhattan. Other members of the Findley family who are in Manhattan to attend the reunion are Mr. G. E. Findley, '22, and Mrs. Ruth (Kittell) Findley, f. s., of Dallas, Tex.; Mr. P. L. Findley, '20, and Mrs. Lenna (Welsh) Findley, and family of Kiowa.

AGGIES BREAK EVEN ON FOUR BALL GAMES

SPLIT TWO SERIES WITH OKLAHOMA AND NEBRASKA

Three of Four Contests Decided in Last Inning—Wildcats Give Barre Perfect Support and Trim Huskers 1 to 0

The playing of four games in succession fell to the lot of the Kansas Aggie baseball team last week. The Aggies lost the first to Oklahoma, 5 to 4, and won the second from the Sooners, 5 to 3. Against Nebraska the team lost 8 to 7 the first day, and won 1 to 0 the second. All five of the Aggie defeats this year have been by one run.

The score of the first Oklahoma game was tied at the beginning of the ninth. Starkey, Oklahoma right fielder, hit a double, scoring Murray, and when the Aggies came to bat the same player caught Evans' long, low fly on the run, to end the game. Six errors were credited to the Aggie infield.

The score by innings:

R. H. E.
Oklahoma U.000 220 001—5 10 4
Kansas Aggies110 002 000—4 9 6
Batteries—Coil and Haswell; Barre and Meissinger. Umpire, L. Quigley, St. Benedict's.

WON THIS ONE

In the second Oklahoma game five of the first six Aggies at bat hit safely off Hunter, and the resulting four runs were enough for victory. The final score was 5 to 3. Nigro hit safely three out of four times up. Nash lost a home run when he failed to touch third base, though the hit scored Nigro. Evans' double play unassisted with two on was a feature.

The score by innings:

R. H. E.
Oklahoma U.000 200 001—3 5 1
Kansas Aggies400 010 00x—5 9 4
Batteries—Hunter and Haswell; Doyle and Meissinger. Umpire, L. Quigley.

NEBRASKA WINS WEIRD BATTLE

The first Nebraska game was a weird nightmare which Aggie fans would like to forget. At the start of the seventh the Aggies enjoyed a 5 to 1 lead, and at its end were behind 6 to 5. The Aggies tied the score at 7-all in the eighth, but lost in the tenth when Betts got a double, went to third on a passed ball, and scored on a sacrifice bunt.

The score by innings:

R. H. E.
Nebraska100 000 510 1—8 15 4
Kansas Aggies001 301 020 0—7 9 4
Batteries—Sloan, Pickett, and Snygg; Gaston; Freeman, Gilbert, and Meissinger. Winning pitcher Sloan, losing pitcher Gilbert. Umpire, L. Quigley.

FINALLY TROUNCE HUSKERS

The second game with Nebraska was as closely played as the first was loose. The Aggies played sparkling, errorless baseball behind Barre, who allowed only four hits and two walks.

The Aggie score came in the fifth, when Ward walked, went to second on McCollum's scratch single, and was advanced to third by a passed ball. Barre hit the ball hard to the infield, and Ward scored on the out. In the fourth Betts of Nebraska walked and stole second. Grace then hit a single to center field and Betts tried to stretch it into a run, but Nigro's perfect throw to home caught the runner. Meissinger did a nice job of covering at home. Grace hit a low fly to right field in the ninth, but Ward caught it on his shoestrings. He fell in making the catch, but held onto the ball.

The score by innings:

R. H. E.
Nebraska000 000 000—0 4 2
Kansas Aggies000 010 00x—1 5 0
Batteries—Armatis and M. Williams; Barre and Meissinger. Umpire, L. Quigley.

COE ANNOUNCES 4-H CLUB DELEGATES TO WASHINGTON

Names Ben Kohrs, Ellen Blair, Mary Hellmer, Boyd Worthington

Kansas 4-H club members will be represented by two boys and two girls at the third national 4-H club roundup at Washington, D. C., in June, according to recent announcement by M. H. Coe, state club leader. The four, chosen on the basis of leadership in club work, are Ben Kohrs, Dickinson county; Mary Hellmer, Lyon county; Ellen Blair, Franklin county; and Boyd Worthington, Harper county.

The trips to Washington are paid for by the Kansas Bankers' association.

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PERMANENT VALUES ARE THE INTANGIBLES

ATMOSPHERE FIXES WORTH OF
COLLEGE, SAYS DR. C. W. GILKEY

Baccalaureate Speaker Cites Parable of
the Tree and Compares it With Hu-
man Experience in Educa-
tion and Religion

Permanent values in educational training and in after life lie not in the acquisition of factual knowledge, but in the development of capacities and resources for rich and serviceable living. Dr. Charles W. Gilkey, dean of the university chapel, Chicago university, told K. S. A. C. seniors attending baccalaureate services Sunday night. His subject was



DR. CHARLES W. GILKEY

"The Value of Atmosphere."

Doctor Gilkey cited the parable of the tree, the permanent elements of which come from the atmosphere above rather than the ground beneath, and applied the parable to education and to the place of religion in life.

His text was II Corinthians, 4:18, "While we look not at the things which are seen, but at the things which are not seen; for the things which are seen are temporal; but the things which are not seen are eternal."

"The botanists tell us that when they burn a tree in a vacuum furnace in order to separate its permanent from its perishable elements, the result is not at all what most of us would naturally expect," said Doctor Gilkey. "We should have taken it for granted that the real and enduring tree would prove to be made up out of elements derived through its roots, from the solid earth out of which it has so obviously grown. Not at all. To be sure, these elements are indispensable to the health and growth of the tree. Cut off these roots and the tree will wither and die, but in the vacuum furnace it is precisely these elements obtained from the ground beneath that consume into ashes and fall away. The pure carbon which outlasts this ultimate test and proves itself the enduring tree is the element which the tree obtained through its leaves from invisible and impalpable atmosphere around and above it."

"NOT QUANTITATIVE BULK"

"Ask the thoughtful graduate of any college really worth going to what gains from his college experience have endured long after facts are forgotten and aptitudes have gone. His answer is likely to come in terms that suggest the carbon which the tree derives through its leaves from the atmosphere around and above it. Certain points of view and attitudes that he absorbed, largely without realizing it, from the atmosphere around him during those four formative years; certain perspectives and standards that became insensibly his own while he breathed that higher, clearer air; certain interests and enthusiasms that were aroused, and certain purposes that

were confirmed, by the companionship of his mates and especially by the kindling influence of his teachers. These are the things that have stayed longest and deepest.

"The moral which any educational institution may well draw for itself from this oft repeated experience of its graduates is of course plain. No quantitative bulk and no vigorous functioning of the academic roots of learning—essential though these are to the educational process; and no costly equipment in buildings or curriculum—valuable though these are within their own limits—can contribute to the permanent enrichment of its graduates those carbonlike acquisitions which are derived from the atmosphere created by its inspiring personalities, by the standards of work and service that are recognized and shared among its students and faculty, by the contagious spirit that quickens its common life.

"A college with such an atmosphere, whatever its limitations, is rich and enriching; and a college without such an atmosphere, no matter what its other resources, is poor in the things that matter most.

"MAN CAN REACH UP"

"What education and friendship thus discover to be true in their own areas of life, religion declares to be true of all our living. Sane and intelligent religion freely grants to science its full and unhampered right to describe and explain the processes by which life as we know it has grown up through its roots from the soil out of which it has so obviously sprung, but religion insists that it is with man as with the trees. Human nature and its capacities are not limited to or by its relationships through its roots with the world of nature beneath and behind it.

"Man, too, can reach out and up into the invisible and the imponderable around and above him; can establish relations of give and take with the order of the universe which he cannot fully comprehend, with the beauty which he cannot fully capture, with the ideals which he cannot wholly realize, with the power and the goodness and the love which are greater than his own.

"Out of that give and take with the invisible above and beyond him have come such indestructible treasures as the proportions of the Parthenon, the harmonies and rhythms of Beethoven's Seventh Symphony, the thinking of Plato and Einstein, the odes of Wordsworth and Keats, the character of Christ.

"Such characteristically religious experiences as contemplation, prayer, and worship are the healthy functioning of these appreciative, responsive, and unpreaching capacities in human nature; not to be stunted and starved, nor yet to be divorced from his other capacities and relationships, but rather to supplement and enrich them. And the faith of religion, which it cannot prove but only live by, is—that what man thus makes his own out of the invisible realms of truth and beauty and goodness and love in which and for which he chooses to live, is his to keep forever."

Alumni Honored

The following honored alumni sat on the platform at commencement exercises Tuesday, and were introduced to the assembled audience. Class of 1889—Rev. John W. Bayles, Howard; Walter R. Browning, Manhattan, theater owner; Rev. David E. Bundy, Oketo.

Class of 1884—Hattie Peck Berry, Manhattan, homemaker; George C. Peck, Jewell, bookstore operator.

Class of 1879—William H. Sikes, Leonardville, merchant; H. C. Rushmore, Kansas City, Mo., hardware salesman.

Velma Lockridge, '26, is with the advertising department of the Dayton company, at Nicollet avenue, Seventh and Eighth streets, Minneapolis, Minn. She writes that she enjoyed the dinner of the K. S. A. C. North Star Alumni chapter very much.

FOSTER CHAMPIONS ECONOMICS OF HOPE

COMMENCEMENT SPEAKER SAYS
POVERTY CAN BE ABOLISHED

Theory That Some Peoples Must Suffer
for Others to Prosper Called 'Economic Bunk' by Director of
Pollak Foundation

As a scientist-evangelist Dr. William Trufant Foster came to the college Monday, to preach to the graduating class the economics of hope, as opposed to the economics of despair which has heretofore guided industrial competition within and among the nations.

Doctor Foster, who is director of the Pollak Foundation for economic



DR. WILLIAM TRUFANT FOSTER

research, used the subject, "Progress and Plenty."

"As a part of economic bunk, we have been taught that poverty was inevitable. Economists from Adam Smith down through John Stuart Mill to the present have taught as an absolute fact, that poverty was inevitable, and that the great masses of mankind could not rise above the lowest level of subsistence. All they could do was sit back patiently and resignedly and wait for the inevitable devastation.

"I've come to say that is economic bunk.

"All the factors that have to do with economic welfare are subject to measurement and control.

"Through the Kellogg pact the nations have outlawed war. It is a decisive victory, gained after 10,000 years of struggle.

"During all the centuries the Captains and the Kings have insisted that fighting was inevitable. So, instead of trying to abolish war, they have tried to outdo each other in getting ready for war, thus helping to bring on war. But at last mankind has renounced the whole heinous business, poison gas and all.

"Now the time has come for renouncing poison gas practices which choke the industrial life of the nations—practices which lead to war.

"Here, again, the Captains and Kings stand in the way. They hold that economic warfare is inevitable. They insist that some nations must have closed mines, abandoned factories, idle men, and starving children, in order that other nations may prosper.

"ECONOMIC BUNK MUST GO"

"By the Kellogg pact the world has renounced war bunk. The time has come for renouncing economic bunk. The two are bound up together; together they must go.

"The world now needs a Kellogg pact for the outlawry of poison gas as an instrument of national economic policy.

"The economists who condemned large masses to poverty taught the 'economics of despair'. We have come into the new era of the 'economics of hope'. An era when it will be possible for every man who wants work to have a job. Not only that, but with economic safety se-

cured, we will be able to go on to new heights of mental, moral, and spiritual development."

Here Doctor Foster paused to tell his audience that he "had no magic solution" for the world's problems, but that he did want to touch on one point relative to economic safety and stability.

"I believe the heart of the matter is consumer purchasing power," he said. "The problem is to maintain economic conditions so that the flow of money to consumers shall go forward steadily so that they may be enabled to buy the products of increased production.

"ONLY ONE VILLAIN"

"We have sometimes the spectacle of a nation with people ready and eager to work; storehouses crowded; men, material, and machines available, and no way of going on because consumption is not equal to production.

"I have read many books on the causes of depression. Some of them have advanced dozens of causes and analyzed them, but they all sift down to one. There is only one villain in the picture. It is lack of consumer purchasing power.

"We are now turning over to consumers each year on the easy payment plan 6 billions of dollars worth of goods in the hope that they may sometime get them paid for. Simple Simon today has no trouble with unprogressive piemen. 'Show me first your penny is not the slogan today.'

"The only reason our economic standards are not higher is because we have no way of distributing what it is perfectly easy to distribute. President Hoover's committee has estimated the productive capacity of the nation as 50 per cent greater than the possible capacity for consumption.

"Every nation is trying to dump on every other nation more goods than she is willing to buy back. It is the only case in international policy in which they live up to the rule 'it is more blessed to give than to receive.' It doesn't take much mathematics to know that all nations can't dump their surplus on all other nations. It is economic bunk with each nation actuated by the fear that if it doesn't get rid of its products the factories will have to close down.

Doctor Foster then pointed a way toward the partial solution of the problem.

"The federal, state, and local governmental units spend 12 per cent of all the money spent in the country," he said. "Up to now it has been spent with no regard to economic conditions. It is obvious that if we allocate part of our expenditures to works which will take up the slack in times of depression, and not compete with private enterprise when times are good and there is plenty to do, we can gradually see to it that all who are eager to work can get work.

"Under government leadership private business can help take up the slack by spending money at the proper time.

"We don't argue about the number of smallpox cases in the country—we count them. But when we want to stop unemployment we resort to counting votes. The new tariff has come to the relief of the consumer by putting on the free list Paris green and fish not edible for consumption.

"The time has come when through the leadership of institutions like your college we can route ignorance and substitute scientific principles."

Doctor Foster praised President Hoover, saying, "It is fortunate that at this time a man has come into leadership who can attack scientific problems in a scientific manner."

Last Industrialist

This is the last issue of THE INDUSTRIALIST for the present school year. Publication will be resumed with the opening of the fall semester.

Elizabeth (Curry) Oyer, '24, and Mr. Oyer live at Marquette.

GRADUATES OF 1929 LARGEST AGGIE CLASS

AWARDS MADE AT COMMENCEMENT EXERCISES TOTAL 517

Bachelor of Science Degrees to 379—
Master's to 30—Winners of Coveted
Senior Honors and High Honors Announced

The largest senior class in the history of the Kansas State Agricultural college was graduated at the sixty-sixth annual commencement exercises Wednesday morning. The degree of bachelor of science was conferred on 379, which with the estimated candidates for summer school degrees brings the potential total for the year to 480. Last year 340 received bachelor's degrees at the spring commencement.

A total of 477 degrees, certificates, and commissions were conferred at the exercises, and in addition 12 seniors were recognized as winners of high honors and 28 as winners of honors.

Perfect weather aided both the baccalaureate and commencement exercises.

In addition to the 379 bachelor's degrees conferred, 30 received the degree of master of science; four received the professional degree in engineering; 45 were commissioned in the Officers' Reserve corps as second lieutenants; and certificates were awarded to 10 for completion of the two year farmers' short course and 9 for completion of the dairy manufacturing short course.

HIGH HONORS TO 12

High honors, given to not more than 3 per cent of the senior class, were announced as follows:

Leonard William Koehler and Hobart Patterson Blasdel, agriculture; Francis Glenn Fry, Paul Southworth Colby, and Arthur Oran Flinger, engineering; Nancy Genevieve Carney, Carol Lusetta Stratton, Helen Van Zandt Cortelyou, and Joe Joshua Shenk, general science; Mattie Louise Morehead and Mrs. Linnea Dennett, home economics; Karl William Niemann, veterinary medicine.

Senior honors, awarded to not more than 7 per cent of the senior class in addition to the winners of high honors, were announced as follows:

Division of agriculture—Sam Greenberry Kelly, Albert William Miller, Norman Curtis, Henry Chaffee Abell.

Division of engineering—Martin Keller Eby, Harold Alfred Senior, Earl Leroy Sloan, Emmet Leonard Hill, Robert Frederick Childs, Homer Thomas Deal, Joe Joshua Shenk.

Division of general science—John Henry Shenk, Donald Wade, Renness Irene Lundry, Silas Milbern Miller, Shirley Caroline Mollett, Frederick Bruce Bosley, Elma Mae Stoops, Eldred LaMont Gann, Walter Gordon McMoran, Letha Mildred Schoeni.

Division of home economics—Esther Beatrice McGuire, Helen Virginia Brewer, Thelma Faye Mall, Flora Marie Deal, Marguerite Leona Richards, Irene Josephine Rogler.

Division of veterinary medicine—Laurence O. Mott.

BACHELOR'S TO 379

Degrees and certificates were conferred on the following:

Bachelor of science in agriculture—Henry Chaffee Abell, Riley; Forrest Bennett Alspach, Wiley; Scott Roe Bellamy, Meade; James Lyle Blackledge, Manhattan; Hobart Patterson Blasdel, Sylvia; Floyd Albert Blauer, Stockton; Omar Lewis Buzard, Kansas City, Mo.; Francis Edward Carpenter, Wakefield; George J. Caspar, Jr., Alida; Everett Garth Champagne, Oketo; Carl Sutter Channon, Ottawa; Edward Crawford, Stafford; Norman Curtis, Toronto; Marion Kerr Fergus, Garnett; Theodore Russell Freeman, West Plains, Mo.; Ogden Worley Greene, Paradise; William Ellsworth Gregory, Walnut; Theodore Fowler Guthrie, Jr., Saffordville; Fred Lincoln Huff, Chapman; Samuel Greenberry Kelly, Manhattan; Albert Best King, Centuria; Terrell Weaver Kirton, Amber, Okla.; Leonard William Koehler, Kansas City, Mo.; Waldo Raymond Lee, Keats; Ralph Oscar Lewis, Parsons; Philip Bard McMullen, Stella, Neb.; Donald James Martin, Fellsburg; Albert William Miller, Manhattan; Merle Glen Mundhenke, Lewis; Theophilus Edward Nafziger, Cimarron; Howard Milton Nester, Scranton; William Harold Polhamus, Parker; Robert Louis Rawlins, Holton; Ray Lewis Rensberg, LaHarpe; John Wesley Roussin, Brewster; Charles Elmer Russell, Stafford;

(Continued on page 3)

THE KANSAS INDUSTRIALIST

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F. E. CHARLES, Lillian Hughes Neis-
Wanger, R. I. Thackrey... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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SATURDAY, JUNE 1, 1929

'CHASE IT AND IT CEASES'

Gene Tunney, according to newspaper accounts, is giving his mind the same intensive culture that he once gave his body. A bit weedy at the outset of his career, he built himself up. "He lived on boiled beets and lettuce leaves until he became the world's best," and now, having amassed a fortune, "he is trying to find the things in art the critics say are there," as Herbert Corey, the syndicate writer, expresses it.

Emily Dickinson, the New England poet who was never newspaper copy till a generation after her death, never sought culture, but she can tell Gene how it is attained:

Beauty is not caused,
It is.
Chase it and it ceases.
Chase it not and it abides.
Overtake the creases
In the meadow when
The Wind
Runs his fingers through it?
Deity will see to it
That you never do it.

Henry David Thoreau, who found beauty, without seeking it, in Concord and the woods about Walden pond, might have saved Gene some time and money if the pugilist had but heeded the naturalist's advice, "He who is only a traveler learns things at second hand and by the halves, and is poor authority."

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Emory Taylor, f. s., was stationed at the Great Lakes naval training station.

Elizabeth Wadley was in the advertising department of the Capper publications at Topeka.

Captain E. H. Kellogg, '11, of the chemical warfare service, had recently returned from France and resumed his work with the Brown company, Berlin, Me., as chemical engineer.

J. B. Thompson, '05, of the United States department of agriculture, was the author of a bulletin on Napier and Merker grasses which caused much favorable comment among scientists.

TWENTY YEARS AGO

Wirt S. Myers, '81, was working as pattern maker for the Gulf Machine works, Pensacola, Fla.

John Davis, '90, was professor of chemistry and physics in the Central State Normal school, at Edmond, Okla.

Ernest Adams, '07, assistant in the bureau of plant industry, United States department of agriculture, was stationed at Philbrook, Mont.

Walter H. Olin, '89, occupied the position of industrial commissioner for the Northwestern Land and Iron company and the Denver, Laramie, and Northwestern railroad.

THIRTY YEARS AGO

C. E. Coburn, '91, was practicing medicine in Kansas City.

The commencement address was delivered June 8 by the Rev. Benjamin Fay Mills of Boston.

Professor and Mrs. Metcalf, assisted by the Wagner Symphony club,

gave a recital in Wareham's opera house.

Grace Clark, '92, former secretary to President Fairchild, left for Berea, Ky., where she had a position as secretary to the president of Berea college.

FORTY YEARS AGO

W. H. Phipps, student in 1885-86, attended the Sunday school convention here.

Scott Higinbotham, student in 1887, was first sergeant of his company at Selwyn Hall military school at Reading, Pa.

S. C. Mason was building a new home on the Hutto place east of the cemetery, which he had purchased the previous winter.

FIFTY YEARS AGO

George Gale and Mattie J. Alexander were married near Milford.

Lieutenant Albert Todd, '72, of Fort Adams, R. I., was here on a two month's furlough, visiting his parents.

Julia Rogers, Burlingame; Clara Elliott, St. Louis; and Will Bill, Larned, former students, visited friends in Manhattan.

LOOKING AROUND

KENNEY L. FORD

To Embert H. Coles, '22, superintendent of the Colby experiment station, may go the pleasure of teaching the science of agriculture to Marion Talley, retired contralto Metropolitan opera star. Miss Talley and family plan to start farming on a section of land recently purchased twelve miles northwest of Colby.

Henrietta (Hofer) Ross, '02, Elfers, Fla., writes her brother, K. W. Hofer, f. s., Manhattan, that while driving to New York recently she stopped off at Daytona Beach, Fla., to visit Earl Wheeler, '05, and family. Mr. Wheeler is the unusually successful city manager of Daytona beach.

Clytie Ross, '16, county home demonstration agent at Searcy, Ark., sends her regrets to President Farrell that she was unable to be back for commencement this year because of her many duties in extension work.

Miss Ross says, "I am thoroughly enjoying home demonstration work here in Arkansas, after 4 1-2 years of it. I am beginning my third year in the county that produces more strawberries than any other county in the world—it averages close to a million dollar crop for the county each year, and has done so for several years. We have cotton, of course, but many farmers are diversifying much more than southern farmers have ever done before."

Lulu (Docking) Harper, '09, has the business like title of "L. D. Harper, secretary, Nikolls Packing company, Pueblo, Col." Mrs. Harper sent her regrets that she could not attend commencement activities this year because of her job and two small daughters who demand much of her time. She writes, "I married Frank Weber, '09, in 1910 and we had two daughters. Frank was killed in 1916 while we were living in Nevada and he had charge of an irrigation project there. I went back to Kansas and took a course in commercial work—obtaining a master of commercial science degree with the idea of teaching, but, after a few months of that, decided to go into the business world instead and have been with the Nickolls Packing company for eleven years—beginning as a stenographer and am now secretary of the firm, which position I have held for two years now. In the business world I am the L. D. Harper, as shown on our letterhead. It seems a funny thing to me—but it is still best for a woman, who holds a position as official of a company, to use her initials and let the world assume that she is a man. Men are such funny creatures that they like to assume they are doing business with a man and not a woman."

"I might say here that I married again in 1920 and Mr. Harper joins me in extending to Aggies who may pass through Pueblo, an urgent invitation to drop in at 709 West Abriendo avenue and see us."

BIRTHS

James F. Price, '27, and Mrs. Price, announce the birth of their son on May 20. Mr. Price is completing his second year in the Stanford university law school. Mr. and Mrs. Price make their home at 956 Boyce avenue, Palo Alto, Cal.

Fred Sykes, '26, and Achsa (Johnson) Sykes, '26, announce the birth of a son on April 23, whom they have named Robert Frank. Mr. Sykes is county agricultural agent for Comanche county and he and Mrs. Sykes make their home at Coldwater.

The '99 Reunion

When the class of 1899 gathered five years ago for its quarter century anniversary 47 members were living. Of this number 21 were present, and also a former student, O. E. Farrar.

Mr. Farrar died this spring. About a year ago the class lost a member, Harry D. Orr. At present "Doc" Wagner is confined in a Kansas City hospital; John A. Harvey has been called to the bedside of his sister at Oklahoma City; Fannie Noyes is a Missionary in Turkey; and Frank Shelton is at Ketchikan, Alaska. The other 42 members of the class are scattered from Grand Forks, N. D., to Houston, Tex., and from New York to San Francisco.

Eighteen members of the '99 class celebrated their thirtieth anniversary on Monday, May 27, 1929, at the parlors of the Congregational church in Manhattan. A mixer was held from 4 to 6:30 p. m., after which the class members and their wives, husbands, children, other relatives, and honored guests adjourned to the basement of the church and enjoyed dinner. Dr. J. T. Willard, Prof. George H. Failyer, and Claude M. Breese, and their wives, and Jacob Lund lent honor to the occasion by their presence and favored us with short appropriate talks. Doctor Willard produced two suspicious looking books and we feared for a time he was going to read some of our records, but we were spared the embarrassment.

Dinner over, we moved upstairs again, where "Doc" Kinsley as toastmaster called on Ernest L. Cottrell for the welcome address. Louise Maelzer Haise of Crowley, Col., responded. The toastmaster then called on each one present for a two minute talk. The following class members answered present:

Bonnie Adams Wilkins, Phillipsburg; Morris C. Adams, Glad; James C. Bolton, Wamego; W. R. Correll, Manhattan; Ernest L. Cottrell, Wabaunsee;

Francis J. Habiger, Bushton; Hiram A. Holzer, Pittsburg; Charles C. Jackson, Westmoreland; Harry W. Johnson, Manhattan; John M. Kessler, Topeka; Albert T. Kinsley, Kansas City, Mo.; Christian D. Lechner, Salina; Louise M. Maelzer Haise, Crowley, Col.; Jennie June Needham Carter, Rantoul; Dr. Roscoe T. Nichols, Hiawatha; Carrie V. Painter, Desmarais, Meade; Anna C. Pfeutze Julian, Olathe; and Andrew J. Pottorf, Riley.

Greetings were read from the following:

Joseph A. Butterfield, Kansas City, Mo.; John G. Haney, Grand Forks, N. D.; John A. Harvey, Ogden; Grace Hill Costello, Norman, Okla.; Kate Anna Manly Williams, Emmett, Ida.; Otto I. Purdy, New York City; Louise M. Spohr, Orange, N. J.; Otho S. True, Topeka; James O. Tulloss, Sedan; William G. Tulloss, Rantoul; George F. Wagner, Trinity Lutheran hospital, Kansas City, Mo.; Mary Waugh Smith, Los Angeles, Cal.; Nannie E. Williams, Santa Monica, Cal.; and Frederick O. Woestemeyer, Houston, Tex.

During the short business session, a telegram, signed by those present, was sent to "Doc" Wagner, and arrangements made to send him several large floral offerings.

The following morning, several of the '99ers strolled about the campus, had a group picture taken, and at noon had lunch together at the college cafeteria, guests of Dr. and Mrs. A. T. Kinsley. Some were compelled by business reasons to go home before the alumni-senior banquet but there were still an even dozen of us present on that occasion. Classes of '98, '00, and '01, helped us fill two tables.

Several remained for the graduation exercises the following day. Then back to the old grind again for another five years, when we hope to have a greater number back. We want the whole class back in 10 years and all sit over at the big table with the president, as the class of '89 did this year.

—H. W. Johnston.

Wins Foundation Award

Delmar D. Chase, '23, has been awarded the Charles A. Coffin Foundation award for outstanding achievement in engineering during the year 1928. Mr. Chase is in the employ of the General Electric company at Schenectady, N. Y.

This yearly prize is made possible by a fund established by Charles A. Coffin, formerly vice-president of the General Electric company. The award is in cash and is open to employees of the General Electric company. The prize was granted to Mr. Chase for perfecting a double winding on generators which will eliminate extensive protective devices against excessive current surges and mean cheaper generator production.

Weather and Return of Old Friends

Help Make Alumni Day Successful

The weather was perfect, the campus at its best, and the old friends were there on alumni day.

Nine classes were back for reunions, at five-year intervals from '79 on. Alumni whose classes were not meeting officially joined with the groups nearest to their time in college.

Only two were present to answer for the class of '79 at its 50 year reunion. They were H. C. Rushmore, Kansas City, Mo., and W. H. Sikes, Leonardville. Both are loyal supporters of K. S. A. C. and enjoyed their golden reunion very much.

The '84 reunion brought a brother and a sister, Mrs. Hattie (Peck) Berry of Manhattan and George B. Peck, Jewell City, and B. Buchli, of Alma.

Numerous members of the '89 class returned and they had a great time. Rev. D. E. Bundy, president, arranged for a luncheon at the Pines cafeteria on alumni day. President Farrell and other classes were present at the meeting. Letters were read from absent members and plans were made for the reunion five years hence.

Miss Martha Cottrell was the only member of the class of '94 who was able to accept the invitation of Dr. J. W. Evans. Miss Cottrell is one of the 15 members of her family with a degree from K. S. A. C.

The reunion of the '99 class is covered by H. W. Johnston in an article elsewhere in this issue.

The '04 class met at 10 o'clock in the morning to talk and read letters from those who could not be present. At 11:30 luncheon was held in the cafeteria with Ralph

Fenton, Dwight, acting as toastmaster. The class members were welcomed by Dean R. A. Seaton and each called on to tell what he had done and where he had been for the past 25 years. The Naughty Four class song was sung. It was voted to have another reunion in five more years.

The class of '19 at its reunion on the same day endorsed the vote recently taken to turn over an amount of approximately \$540 left over from class funds, to the memorial stadium corporation, provided a memorial plate be given the class in the stadium when completed. The reunion picnic was well attended at Long's park at noon.

Class members attending included the following: Alta Hepler, Olive Logerstrom, Marysville; Mary F. Taylor, Manhattan; Myrtle A. Gunselman, Manhattan; B. H. Fleenor, Manhattan; Dr. W. H. Andrews, Manhattan; Florence Dial, Manhattan; Percy L. Depuy, Manhattan; Margaret Crumbaker, Manhattan; Lola Sloop Keys, Dunavent; Greta Gramse Hay, Pasadena, Cal.; Maude Kershaw Tilton, Medicine Lodge; Gladys Bergier Rogers, Pampa, Tex.; Mary Crumbaker Johnson, Cleburne; and Stella Hariss, Manhattan.

The '09s, '14s, and '24s celebrated with a noon luncheon at the college cafeteria.

The editors of THE INDUSTRIALIST regret that because of lack of space the names of all those attending the reunions could not be printed in this issue. A complete list of those who registered in the alumni office will be printed in the first issue next fall.

THE WIND-BROOM

Richard Burton, in "Message and Melody."

The wind-broom sweeps so wondrous clean

That when you hear it up on high
Go swishing by, go swishing by,
You may be sure the sky-folk mean
To make their homes all fair to see,
Garnished, and gay as gay can be
O' nights, for starry company.

FISHING NOTES

R. I. T.

No Sunflowers today.

H. W. D. is going fishing.

Fishing has become a symbol of escape. It is to many of us what ailing grandmothers are to office boys who like baseball. No statistics being available to restrict us, we venture that the percentage of fishermen who really fish bears a close correlation to the percentage of small boys who visit their sick grandmothers.

Fishing is socially approved. One can't get out of a disagreeable task with the explanation, "I want to sit at home and play solitaire." But just try the formula, "Sorry, but I'm going fishing." The would be taskmaster smiles understandingly, and hunts another victim.

Fishing entails no disagreeable responsibility of bringing back fish, or even a fish. The man who displays a catch gets nothing but sly winks and wisecracks about fish markets. Imaginative whoopers are much more easily landed from the depths of the big chair at home.

Mankind owes a lot to the fish. Even that section of mankind in whom the thought of a nice, sticky river bank, playful ants, sand in the shoes, leaky rowboats, and fishy smells awakens no responsive chord.

Think of the millions of Rotary dinners, graduation exercises, uplift speeches, amateur recitals, or what-have-you-that-you-don't-want-to-attend, that have been escaped by the enthusiastic fisherman who may spend his angling time tinkering with the radio.

It is fortunate for those who really like to fish that this is true. If all the fishermen were forced to fish the hatcheries would have to put on double shifts, and the caviar industry would be ruined.

Something should be done to recognize the great contribution of fish to mankind. A statue—or something. We really haven't time to decide.

We're going fishing, too.

THE OLDEST MECHANIC ART

Milling is the oldest mechanic art. It has advanced from the crude methods of antiquity until today it is of first rank when measured by output for a given amount of human energy. Milling in primitive society was a most laborious occupation. It was relegated to slaves, prisoners, or to the more defenseless members of society. Milling was distinctly a work that a gentleman should not do. If he had no slaves, he made his wife or wives do the milling.

The progress of civilization is measured by the amount of drudgery work relegated to tireless machines. When most of man's energy was spent in obtaining the necessities of physical life, there was little time left for culture or enjoyment. Except for a favored few who were in a position to reap the fruits of other men's labor, life for most people was drudgery. No mechanic art has done more to free people from this drudgery than milling.

The time now required in an efficient mill measured in man labor to produce all the flour an average adult consumes in a year is 12 minutes, and only three minutes of this time is demanded by the actual grinding process, the one which formerly was the most laborious. The other nine minutes are required for unloading the wheat, preparing it for milling, and taking care of the finished flour and feed. Further, the cost of both labor and machinery for milling the amount of flour an average adult consumes in a year is about what is paid for a half hour's service from a plumber or an automobile mechanic.

—Dr. C. O. Swanson.

COTTRELL CHOSEN ON BOARD OF DIRECTORS

SEATON AND GRIMES RE-ELECTED AT ASSOCIATION MEETING

Substantial Growth in Loan Fund Shown by Treasurer's Report—Plans for Future Include Former Student List

Directors of the K. S. A. C. alumni association, elected at the annual business meeting in recreation center on Tuesday, May 28, are Ernest Cottrell, '99, Wabauunsee; R. A. Seaton, '04, Manhattan, and W. E. Grimes, '13, Manhattan. The latter two were re-elected, and Cottrell succeeds Cora (Thackrey) Harris, '98, Manhattan.

The other six members of the board were not up for re-election this year.

Business coming before the board was the receiving of reports on necrology, by Alice Melton, '98; the report of the treasurer, W. E. Grimes, '13; and the report of the board of directors, by Ralph Snyder, '90, president of the association.

A. H. Hemker, '29, class president, told the association that the graduating class has a fund of \$450 with which it is planned to start a set of chimes. On motion of H. W. Avery, '91, Wakefield, the board of directors was authorized to confer with class officers concerning the plan.

Increase of the alumni loan fund from \$13,434.25 on April 30, 1928, to \$18,900.02 on April 30, 1929, was reported by Treasurer Grimes. Loans outstanding on April 30 totalled \$19,278.13, of which the sum of \$500 was borrowed from the operating fund of the association. The treasurer's report was accepted and Doctor Grimes was complimented on his work.

Loss of a full time alumni secretary for a period of three months last summer resulted in a drop in association membership, the president's report showed. While paid up life memberships increased from 247 to 300, total active memberships dropped from 1,238 to 972. A total of 125 alumni are now paying on life memberships, and 350 more have pledged but not started payment.

REPORT \$150,000 BEQUESTS

President Snyder reported future bequests from estates, the total value of which is expected to be approximately \$150,000.

"We feel that no project can be more worthy than the aiding, in a businesslike way, of worthy students to obtain an education such as is offered at this college," said President Snyder in commenting on the loan fund.

Establishment of an \$80 loan fund unit for high school vocational agriculture students who later attend K. S. A. C. was reported.

One of the activities of the association for the next two years will be the preparation of lists of former students, the work to start first with those living in Kansas, the president's report stated.

"We do not have the former students on our alumni office lists unless they are members of the association," Snyder said. "Such a list would quadruple our numerical strength, giving us a list of more than 20,000 instead of about 5,500. We feel it especially advantageous to establish our former student list in Kansas before the next legislative session. Fourteen members of the present legislature are former students of K. S. A. C. but at present are not on the lists. The association constitution provides for membership of both graduates and former students.

"It is our duty as alumni to acquaint the people of Kansas with the real needs of K. S. A. C."

Groups of alumni in the various communities were encouraged to make use of the faculty itinerary schedules published in THE INDUSTRIALIST.

Seven meetings of the board of directors were held during the past year, and 22 alumni meetings held in various cities were reported to the alumni office.

HELP BUILD CHARACTER

"The principal accomplishment of the December and January meetings of the board was to help establish at K. S. A. C. a 'Character Building Foundation,'" said Snyder. "Dr. W. E. Grimes, Manhattan; John L. Garlough, Wichita, and Julia Wolcott

Kiene, Topeka, were appointed on the foundation's board.

"We feel fortunate that THE KANSAS INDUSTRIALIST is again published weekly instead of every two weeks," the president said. "Your board feels THE INDUSTRIALIST should be the primary medium for keeping alumni in close contact with the needs and developments of K. S. A. C. Funds are needed in the alumni office to enable the use of more pictures of alumni and their projects on the alumni page.

"We feel that the association is rapidly approaching a time when it will cease being handicapped by lack of funds because of inadequate membership. Your board most earnestly urges that you use your personal influence toward increasing the membership and field of service of the association."

Representatives of 24 classes answered the roll call. H. C. Rushmore and W. H. Sikes of the '79 class were back for their fiftieth reunion. Dean J. T. Willard and J. H. Lumb, Manhattan, answered for '83; David G. Robertson, Evanston, Ill., for '86, and James Payne, F. C. Marshall, and C. M. Breese, all of Manhattan, for '87.

COLLEGE PAYS HONOR TO ITS SOLDIER DEAD

War Memorial Unveiling in Recreation Center Attended by Alumni and Students; Legion Officials Speak

A memorial to the soldier dead of the college was unveiled in the presence of alumni and students assembled in recreation center Tuesday afternoon.

The services were opened with the singing of the "Soldiers' Memorial Hymn" by members of the college faculty male quartet. Following a prayer by Prof. F. L. Parrish, the memorial was unveiled by President F. D. Farrell.

Addresses were made by Commander H. H. Woodring, of the Kansas department, American Legion, and Ernest A. Ryan, Kansas adjutant for the American Legion. The faculty quartet then sang "Soldier Rest."

"Taps" concluded the program.

Those whose pictures appear on the memorial are:

| | |
|--------------------|----------------------|
| Henry C. Altman | Walter M. Blackledge |
| Emory E. Baird | Walter O. Brueckman |
| Ralph V. Baker | William T. Cleland |
| Joseph P. Ball | George A. Cunningham |
| McArthur B. Brush | Warren L. Day |
| W. Edwin Comfort | Ernest D. Doryland |
| Glenn W. Davis | Floyd L. Fletcher |
| Floyd E. Deshon | Ray F. Glover |
| Curtis V. Findley | Lester Hanawalt |
| George R. Giles | Carroll D. Hodgson |
| Lester D. Hamill | Harry F. Hunt |
| Harry R. Heim | C. Chester Jones |
| George A. Hopp | Wilbur F. Lane |
| Calvin L. Irwin | Rollin H. Leedy |
| Clede R. Keller | George W. McVicar |
| Carl F. Lasswell | Willis L. Pearce |
| Walter T. McKinney | Cedric H. Shaw |
| Glenn G. Nicholas | Joe R. Speer |
| Delbert T. Pollock | Fred L. Taylor |
| John P. Slade | George Titus |
| Frank E. Sullivan | Edward D. Wells |
| I. L. Taylor | Howard B. Wood |
| Lloyd B. Vorheis | |
| George L. Wingate | |
| Deland E. Bates | |
| George O. Beeler | |

PROF. WALTER BURR RESIGNS; TO MISSOURI UNIVERSITY POST

Sociologist Has Been Connected With College Since 1914

Prof. Walter H. Burr, who has been connected with the college since 1914 and professor of sociology since 1921, will become a member of the faculty of Missouri university next fall, he announced this week. At Missouri he will hold the title of professor of rural sociology.

Professor Burr is the author of two books, one "Rural Organization," was published in 1922 and a second, "The New Community," was recently accepted. He has also been a frequent contributor to magazines. During the past year he has been acting head of the department of economics and sociology.

The Kammeyers Return

Dr. J. E. Kammeyer, who has been studying and lecturing at New York university during the past year, returned to Manhattan last Saturday. He and Mrs. Kammeyer also made an extensive tour of the eastern states and Canada. Doctor Kammeyer will resume his duties as head of the department of economics and sociology with the opening of summer school.

GRADUATES OF 1929 LARGEST AGGIE CLASS

(Continued from page 1)

Marion Lynn Russell, Garden City; Paul Griffith Sayre, Manhattan; Robert Theodore Schafer, Jewell; John Frederick Smerchek, Cleburne; James Harold Sutton, Ensign; Ivan Keith Thompson, Byers; James Frederick True, Jr., Perry; Axel Oscar Turner, Lawrence; Lyle Alexander Will, Denison; Temple Fay Winburn, De Kalb, Mo.; Leslie Melvin Wolfe, Johnson; Ralph Rogier Wood, Cottonwood Falls.

Bachelor of science in agricultural administration—Silas Solomon Bergsma, Lucas; Thomas Glen Betts, Detroit; Roy Elmer Bonar, Washington; Edgar Dowden Cannon, Manhattan; Tudor John Charles, Jr., Republic; Charles Raymond Curtis, St. John; Harold David Garver, Manhattan; William Wade Gosney, Goddard; Francis William ImMasche, Saffordville; John Paul Lortscher, Fairview; Joseph Ardy Watson, Sedan.

Doctor of veterinary medicine—Carroll Ferdinand Alexander, Manhattan; Clair Lenna Butler, Glasco; Frank Howard Callahan, Abilene; Clifford Vernon Conger, Ionia; Daniel DeCamp, Manhattan; Finis Ewing Henderson, Manhattan; Hugh Edward McClung, Hayward; Cal. Ralph William Mohri, Jr., Manhattan; Lawrence Orville Mott, Spencer, Neb.; Karl William Nienmann, Manhattan; Charles Robert Omer, Manakato; Harry Edward Schaulis, Wakefield; Francisco Rioja Taberner, Dolores, Abra, P. I.; Martin Van Der Maaten, Orange City, Iowa.

Bachelor of science in agricultural engineering—Edgar Lee Barger, Topeka; Raymond Rodney Drake, Nekoma; Frank Leroy Fear, Jr., Clay Center; Clifford Nelson Hinkle, Lenora; John Arwin Hoop, Fowler; Chester Merle Rohrman, White City; Walter Elsworth Selby, Manhattan; Harold Earl Stover, Colwich; Raymond Jennison Tillotson, Sheldis; Hugh Erwin White, Kingsdown.

Bachelor of science in architecture—Harman Edward Gulsinger, Kansas City, Mo.; Harvey Rockburn Harwood, Farmington, N. M.; Harry Adolph Koenig, Chanute; Stanley Eaton Morse, Manhattan.

Bachelor of science in architectural engineering—Paul A. Cooley, Neodesha; Ernest Burton Woodward, Medicine Lodge.

Bachelor of science in landscape architecture—Emmet Leonard Hill, Jennings; Ned Woodman, Manhattan.

Bachelor of science in chemical engineering—Robert Frederick Childs, Hugoton; Joseph Homer Garrison, Lincolnville; Walter Rudolph Helm, Chanute; Joe Hyer, Coffeyville; Lester Melvin Mishler, Sabetha; Galen Emil Schwandt, Manhattan.

Bachelor of science in civil engineering—Francisco Albano Asis, Piddig, P. I.; Thomas Ralph Barner, Belle Plaine; Clint Eugene Critchfield, Kansas City, Mo.; Loyal Hendrickson Davies, Manhattan; Homer Thomas Deal, Hoisington; Arthur Elmer Dring, Pawnee Rock; Martin Keller Eby, Wellington; Ralph Wilson Frank, Manhattan; Perry Lester Gardner, Louisville; Orvel Leonard Gathers, Miltonvale; Virgil Himes Harwood, Manhattan; George Allan Johnson, Manhattan; Emil E. Larson, Agenda; Victor Palenske, Alma; Kenneth Edward Rector, Scott City; Earl Leroy Sloan, Boise City, Okla.; Harold Germain Wood, Topeka.

Bachelor of science in electrical engineering—Earl Bowater Ahkenman, Dellvale; Noel Grant Artman, Denison; Laurence Edwin Baty, Manhattan; Alfred Merle Breneman, Parsons; Thomas Richard Brennan, Bonner Springs; Arthur Westridge Broady, Plains; Leonard Hathaway Brubaker, Manhattan; Donald Cameron, El Dorado; Paul Southworth Colby, Denver, Col.; Earl Jewell Cover, Ozawike; Verl Harvey Dobbins, Pratt; Emerson George Downie, Hutchinson; Norton Taylor Dunlap, Berryton; Philip Joseph Edwards, Athol; Edward V. Ellifrit, Kansas City; Francis Glenn Fry, Waldo; Chester Alexander Garrison, Pittsburg; Malaeska Milton Ginter, Manhattan; Cecil Edgar Hammett, Manhattan; Garcel Kelly Hays, Manhattan; Arthur Henry Hemker, Great Bend; Wesley McKinley Herren, Manhattan; David Paul Hutchison, Council Bluffs, Iowa; Glenn Koger, Herington; Donald Cutler Lee, Harper; Harold Carl Lindberg, Courtland; Ralph LaRue Miller, Norton; Vern Denton Mills, Manhattan; Charles Belgrove Olds, Delphos; Merton Elias Paddleford, Randolph; Craig Evan Pickett, Glen Elder; Elwood Effenger Reber, Wetmore; Benjamin Luce Remick, Jr., Manhattan; Carl Clark Rice, Manhattan; Owen Gayle Rogers, Bronson; Galen Emil Schwandt, Manhattan; Harold Alfred Senior, Independence; Joe Joshua Shenk, Manhattan; Edward John Skradski, Kansas City; Claude Wilber Sloan, Dahlart, Tex.; Arthur William Yancey, Garden City; Arthur R. Weckel, Piqua; Rex Edward Wheeler, Manhattan; Rexford Everett White, Jewell; Francis Eugene Wiebrecht, Strong City.

Bachelor of science in flour mill engineering—Robert Earl McCormick, Oatville.

Bachelor of science in mechanical engineering—Loyle William Bishop, Kansas City, Mo.; Martin Arthur Edwards, Chautauqua; Arthur Oran Flinnier, Wichita; Laurence Charles Hill, Emporia; Harold Clarence Huffman, Pittsburg; James Dan McGregor, Columbus; Jay Clayton Marshall, Manhattan; Walter Seamons Mayden, Manhattan; Fred Roy Mouch, Grove, Okla.; Lois Thomas Richards, Parsons; Charles Frederick Sardou, Topeka.

Bachelor of science in home economics—Agnes Martina Bane, Manhattan; Lottie Nevela Benedek, Manhattan; Bertha Jane Boyd, Manhattan; Miriam Elizabeth Brenner, Waterville; Helen Virginia Brewer, Peabody; Doris Isabelle Bryan, Greensburg; Daryl Durland Burson, Manhattan; Georgiana Bush, Little River; Vivian Hall Bushong, Clinton, Mo.; Bessie Mabel Cook, Bucklin; W. Garnet Cribfield, Geneseo; Mary Louise Crowder, Manhattan; Louise Johanna Cunningham, Manhattan; Grace Annetta Daugherty, Republic; Ina Williametta Davidson, Manhattan; Flora Marie Deal, Great Bend; Linnea Carlson Dennett, Lindsborg; Vianna Ruth Dizmang, Manhattan; Opal Dougherty, Manhattan; Lillys Molly Duval, Arkansas City; Elizabeth Fairbank, Topeka; Frances Webb Frey, Manhattan; Florence Mable Funk, Iola; Olive Grace Haage, Manhattan; Viola Grace Hart, Topeka; Beulah Mae Henderson, Solomon; Grace Virginia Hen-

ley, Eureka; Iva Luella Holladay, Dodge City; Norma Lucile Hook, Topeka; Emma Lobelia Huxmann, Arnold; Dorothy Alice Johnson, Lyons; Mary Ellen Karns, Bucklin; Mary Louise Kinkead, Troy; Lorie Konantz, Olathe; Agatha Meta Leuthauser, Beemer, Neb.; Mabel Mae McClung, Manhattan; Esther Beatrice McGuire, Manhattan; Thelma Faye Mall, Manhattan; Marcelline Markle, Chase; Mary Edith May, Wichita; Beryl Johnson Mohr, Olsburg; Mattie Louise Morehead, Norton; Eula Frances Morris, Yates Center; Pearl Frances Musgrave, Hillsdale; Mary Araminta Norman, Fowler; Ethel Evelyn Oatman, Lawrence; Velma Luella Oliphant, Kinsley; Edythe La Verne Parrott, Manhattan; Carrie Alma Paulsen, Stafford; Helen Elizabeth Paynter, Manhattan; Marguerite Leona Richards, Manhattan; Lucile Kathryn Rogers, Abilene; Irene Josephine Rogler, Matfield Green; Pearl Elzora Rora-baugh, Lebanon; Lois Russell, Manhattan; Florence Caroline Sederlin, Scandia; Ida Mabel Shrontz, Wilsey; Mildred Mabel Sinclair, Macksville; Florence Verlene Smith, Tarkio, Mo.; Kathryn Socolofsky, Tampa; Anna Caroline Stewart, Manhattan; Jessie Sarah Stewart, Maplehill; Reva Mae Stump, Blue Rapids; Cora Esther Thomas, Narka; Helen Grace Trembley, Hutchinson; Grace Elsie Walrod, Bradshaw, Neb.; Hazel Maude Walter, Riley; Beatrice Shirley Warner, Goodland; Vera C. Warnock, Hutchinson; Nana Frances Whitman, Kansas City; Helen Willcuts, Burr Oak; Ruth Williams, Broughton; Helen Mildred Wilmore, Halstead.

Bachelor of science—Malcolm Llewellyn Alsop, Wakefield; Verne Russell Alsop, Wilsey; Inez Pearl Anderson, Richland; Joseph McDaniel Anderson, Salina; Alta Elizabeth Barger, Manhattan; Mary Elizabeth Blaklee, Manhattan; Frederick Bruce Bosley, Manhattan; Kenneth Arthur Boyd, Irving; Carolyn Marie Brandesky, Severy; Beatrice Brown, Manhattan; Nancy Genevieve Carney, Manhattan; Helen Van Zandt Cortelyou, Manhattan; Bruce Oliver Dallam, Faucett, Mo.; Rebecca Lillian Dubbs, Ransom; Irene Elliott, Topeka; Virgil Monroe Fairchild, Wichita; William Boswell Floyd, Manhattan; Ernest Rixey Foltz, Belle Plaine; Eldred LaMonte Gann, Burdette; Roderic Grubb, Kanopolis; Iola Marguerite Gusselman, Holton; Ben Henry Hageman, White Cloud; Ruth Meryle Harlow, Lucas; Helen Leone Hawley, Manhattan; Irene Burnema Heer, Manhattan; Helen Charlotte Heise, Topeka; Earl William Henderson, Beloit; Arlie William Higgins, Manhattan; Willetta Jane Hill, Belleville; Stanley John Holmberg, Stillwater, Minn.; William Milton Holt, Augusta; Mary Florence Hoop, Fowler; John Lester Hooper, Robinson; Elizabeth Raley Hullinger, Garden City; Anna Alice Jacobs, McCune; Elston Leslie Johnson, Randolph; Tracy El Delle Johnson, Olsburg; George Clair Jordan, Jewell; Dorothy Alice Kendall, Manhattan; Margaret Knight, Medicine Lodge; Walter Fred Kuiken, Glen Elder; Virgil Hudson Leonard, Richland; Una Minnette LeVitt, Wilson; Joseph Kenneth Limes, La Harpe; Curtis Joseph Lund, Lasite; Renness Irene Lundry, Arlington; Agnes Jeanne Lyon, Manhattan; Wayne McCaslin, Osborne; Paul Joseph McCroskey, Netawaka; Walter Gordon McMoran, Coldwater; Harold Parker Menen, Lincoln; Silas Milbern Miller, McPherson; Wilhelmina Louise Moehman, Manhattan; Reginald Moore, Robinson; Thelma Jane Moore, Humboldt; Helen Augusta Mundell, Nickerson; Anna Mae Nettouer, Manhattan; Elsie Sonya Nuss, Hoisington; Mabel Grace Paulson, Whitewater; Clara Margaret Paus-tian, Manhattan; Lillian Susanna Paus-tian, Manhattan; Marjorie Prickett, Wamego; Frank Hoyt Purcell, Jr., Kansas City, Mo.; Hazel Romer, Holly, Col.; Marshall Berry Ross, Manhattan; Letha Mildred Schoen, Athol; Emma Schreiner, Ramona; Myrna Frances Smith, Manhattan; Ida Elizabeth Snyder, Effingham; Donald Alvin Springer, Manhattan; Elma Mae Stoops, Bellaire; Carol Luetta Stratton, Manhattan; Ruth Varney, Manhattan; Theodore Roosevelt Varney, Manhattan; Esther Weiss-er, Paxico; Lila Williams, Broughton.

Bachelor of science in industrial chemistry—Edwin Henry Kroeker, Hutchinson; William Robert Love, Bronson; John Henry Shenk, Manhattan; Donald Wade, Manhattan.

Bachelor of science in industrial journalism—John Stothers Chandlee, Kansas City; Kathryn Frances Coles, Galena; Charles Edward Converse, Manhattan; Charles Lafayette Dean, Manhattan; Meredith Ernestine Dwelley, Manhattan; Glen Robert Focke, LeRoy; Gordon Sheffield Hohn, Marysville; Ralph Richard Lashbrook, Alameda; Lenore McCormick, Cedar Vale; Albert Houston Meroney, Garden City; Shirley Caroline Mollet, Manhattan; Wilmar Walton Sanders, Clay Center; Gladys Estelle Suiter, Macksville.

Bachelor of science in physical education—Lillian Colleen Alley, Manhattan; Alma E. Brown, Kansas City; Jennie Maurine Burson, Manhattan; Ruth Correll, Manhattan; Ruth Davies, Delphos; Hope Dawley, Manhattan; Albert Rowland Edwards, Fort Scott; Ruth Isabel Frost, Blue Rapids; Zella Elizabeth Hartley, Manhattan; Mildred Huddleston, Fulton, Ky.; Marjorie Blanche Mirick, Halstead; Kirk Monroe Ward, Elmdale; Beatrice Wilhelmina Wood, Great Bend.

Bachelor of science in rural commerce—Ray Lee Althouse, Bartlesville, Okla.; Robert Anderson Barr, Manhattan; Verne W. Boyd, Irving; Charles Frank Christman, Hutchinson; Lyle Daily DeBusk, Macksville; Glenn Albert Durland, Irving; John Clayton Dwelley, Manhattan; Everett Emerson Fear, Bala; Clarence Joseph Goering, Moundridge; Virginia Deane Hawkins, Monte Vista, Col.; Ralph Taft Howard, Mount Hope; Charles Harold Hughes, Manhattan; Blanche Lucille Myers, Americus; Raymond Soper Myers, Manhattan; Frank Nellis Parshall, Manhattan; Dwight Kimball Putnam, Salina; George Doster Stewart, Abilene; Scott Lester Turnbull, Allen; Christopher Simon Williams, Manhattan; Hal Spring Wilson, Valencia; Edward Everett Wyman, Clifton.

Bachelor of music—Dorothy Lee Allen, Fayetteville, Ark.; Hazel Albert McGuire, Manhattan; Jeanice Reel, Detroit; Lillias Maria Samuel, Manhattan; Gladys Alice Swartz, Atchison; Ruth Lillian Turner, Manhattan.

Master of science—Arthur Clinton Andrews, B. S., University of Wisconsin, 1924, Manhattan; Earl Blackburn Belscamper, A. B., College of Emporia, 1925, Electra, Tex.; Arthur Wallace Benson, B. S., Kansas State Agricul-

(Concluded on page 4)

OUR OWN FOLKS

Homer C. Wood, '20, instructor in vocational agriculture, Reading high school, and his class of 11 boys are successful stock feeders as evidenced by the fact that they put a new top on the Kansas City feed yearling steer market, Tuesday, May 14, with 15 calves that averaged 926 pounds and sold for \$14.75.

These calves were bred by Mr. Pennington of Bazaar, and were good white faced stock. They weighed 521 pounds when put on feed last November and the boys took week about feeding them and made them good.

Some of the beef from these steers will be used at a dinner to be given in New York City, June 4.

The Reading high school held a field day Thursday, May 9, featuring the baby beef class project. Dr. C. W. McCampbell, '10, head of the department of animal husbandry, K. S. A. C. spoke on the program.

AGRONOMY FIELD DAY NEXT FARM MEETING

Department Announces Condensed Schedule of Events for June 8, the Big Day

A schedule of events for the annual agronomy field day to be held at the college June 8 has been announced by the agronomy department. Study of pasture management is planned for the forenoon, followed by the usual noonday lunch. In the afternoon Prof. L. R. Quinlan will conduct a tour of beautiful city and rural homes and gardens for the women visitors, while those interested in agronomic topics will stay at the college farm.

The abbreviated program follows:

11:30 a. m.—Assemble on campus north of agricultural building.

10:45 to 12—Pasture experiments and pasture management.

12 to 1 p. m.—Picnic dinner at agronomy farm. A stand will be available where lunch can be purchased by those who do not bring lunch with them.

1 p. m.—Announcements.

1:15 to 4 p. m.—The women will be taken on a tour to see the lawns and gardens in Manhattan and vicinity. The tour will be under the direction of Prof. L. R. Quinlan, department of horticulture.

Men will study experimental work on the agronomy farm, including alfalfa varieties, soil fertility and crop rotations, oat varieties, tillage methods for wheat, nitrogen fixation, soil terraces, wheat varieties, corn experiments, new grass nursery, and bacterial wilt of alfalfa.

'Best Issue'

TO THE INDUSTRIALIST:

I have read your paper from the first number, and I really believe that volume 55, number 30, of the fifteenth instant, is the best issue of the whole lot, to that date. Wish I could be at this K. S. A. C. commencement, but the way is long.

Sorry that Professor Walters is so feeble, but "we all do fade as a leaf." I remember him clearly, even before 1876, when he entered the K. S. A. C. teaching force. I rejoice in your success.

Walter C. Howard, '77,
1055 N. Kinsley Drive,
Los Angeles, Cal.

Nash Heads Baseball Nine

Loyal Nash, '30, Long Island, was elected captain of the 1930 baseball team at a dinner following the last game of the season Wednesday. In addition to being a peerless fielding third baseman, Nash developed into one of the most consistent hitters on the team during the past season. His accurate throw to first cut short numerous rallies. Nash will lead a veteran team next year, as Captain K. M. Ward, Elmdale, right field, and C. V. Conger, Ionia, substitute catcher, are the only graduating letter men.

Miller New Track Captain

Harold S. Miller, '30, was elected captain of the Kansas Aggie track team for 1929-30 at a recent meeting of the squad. Miller was the most consistent point winner of the team during the last season, being good for at least one first, and occasionally two, in every dual meet. He was second in the mile at the Big Six outdoor. His home is in Kansas City, Kan., where he was graduated from Argentine high school.

FEEDER SHOULD HAVE WHAT MARKET WANTS

MUST SATISFY CONSUMERS, MCCAMPBELL SAYS

Tells Cattlemen They Must Produce Small Cuts of Beef and Market Every Month of Year Instead of Only Two

A drizzly rain last Saturday forenoon may have cut attendance at the seventeenth annual feeders' convention of the Kansas State Agricultural college, but it didn't dampen the enthusiasm of those who did attend. Livestock problems, general farming, politics, et cetera, were discussed as usual by somewhere near 2,000 persons. A number of addresses were given within the livestock pavilion, though many none-the-less important conversations were held by little groups outside.

Morris county, where D. V. McCormick is agricultural agent, and Brown county, where W. H. Atzenweiller is agent, took home the attendance trophies. Morris county won among counties within 60 miles of Manhattan while Brown took the glory from all others.

After inspecting the experimental livestock of the college, visitors were assembled in the pavilion for several addresses. With Will J. Miller, Topeka, president of the Kansas Livestock association, presiding, President F. D. Farrell, M. L. McClure of the Kansas City Federal Reserve bank, and J. H. Mercer, secretary of the Kansas Livestock association, were introduced.

STUDY METHODS, SAYS FARRELL

Because the production of livestock has become such a competitive occupation, it is essential that mid-west farmers study their methods of production, their marketing problems, and other phases of the business, President Farrell declared.

Cattle feeders cannot afford to ignore consumers' tendencies, Dr. C. W. McCampbell, head of the college animal husbandry department, declared in addressing the feeders at the afternoon program. The tendency has been rapidly toward small cuts of beef and these small cuts must come from the small animal which means the young animal. The wise feeder will see that his stuff goes to the market when it best suits this demand.

Moreover, the K. S. A. C. head explained, the feeder should see that his stock reach the market at an opportune time. "Young fat cattle now reach the market, in the main, during two comparatively short periods of the year," McCampbell said. "But the demand is calling for young, well finished cattle every month of the year. This situation demands that the agricultural experiment stations and others develop methods whereby young cattle may be marketed every month in the year, as well as methods of reducing production costs." The Kansas station is combining these two factors into one of its major projects.

Doctor McCampbell reported on a three-phase calf feeding and fattening project, conducted at the Kansas station—wintering, summer grazing, and full feeding for 100 days before marketing.

JUST HOW FAT?

"In this case calves were purchased on the range in the fall, wintered, grazed on bluestem grass until approximately August 1, and then full fed in a dry lot for 100 days," McCampbell explained. "Work previously reported indicated that calves that were to be handled in this way must be fatter when they went to grass than calves that were to be simply grazed during the summer season. The question of just how fat they should be was yet an undetermined matter, so one lot was wintered on all the cane silage it would eat, 2 pounds of alfalfa hay, and 1 pound of cottonseed cake. A second lot was fed 5 pounds of corn in addition to the ration fed in the other lot. Both were grazed together on bluestem pasture in one of the college pastures until August 1, on which date they were brought up and placed in dry lots. The question may arise as to why they were fed in dry lots after August 1 instead of on pasture. The answer lies in the fact that previous tests showed that cattle fed in a dry lot after August 1 produced almost 20 per cent more

gain from the same amount of grain than cattle fed on pasture."

Lot 1, fed 5 pounds of corn during the winter, weighed 345.67 pounds at the start and gained 2.08 pounds per head per day during this 137 day test. Their winter feed cost was \$22.20 per head; their necessary selling price to break even at home at the end of the wintering period, \$9.55 per cwt.; their appraised value at home, \$12.00 per cwt.; and the margin per steer over calf and feed cost, \$15.45 per head.

Lot 2, fed no corn during the winter, weighed 344.67 pounds at the start and gained 1.4 pounds per head per day. Their winter feed cost was \$13.82 per head; their necessary selling price to break even at home was \$9.63 per cwt.; their appraised value at home, \$12.50 per cwt.; and the margin per steer over calf and feed costs, \$15.41 per head.

In noting important points concerning the experiment, Doctor McCampbell said:

SHOULD USE OUR GRASS

The mid-west has more grass and less grain than the corn belt. It must, therefore, work out a program of fattening little cattle that will enable one to produce a maximum of gain on a minimum of grain and a maximum of grass and other roughage.

This is one of the problems the Kansas agricultural experiment station has been working on for some time and the accompanying table indicates one method that will help to meet this problem.

Particular emphasis should be placed upon the large gains produced in this test by feeding comparatively small amounts of grain. In lot one 39.3 bushels of corn and a small amount of cottonseed meal plus roughage including grass, produced 651.33 pounds of gain in slightly less than 11 months. In lot two, 26.8 bushels of corn and a small amount of cottonseed meal plus roughage including grass, produced 587 pounds of gain in the same length of time.

The possibility of securing a high degree of finish by this method of feeding young cattle is emphasized by the fact that cattle handled in this manner have sold within 50 cents of the top of the market for the week in which they were sold. The justification of this price is evidenced by the fact that they dressed between 60 and 61 per cent.

The calves fed a limited amount of grain during the winter made \$6.13 more profit than those fed no grain, largely because they sold for 50 cents a hundred more than those that had received no grain during the winter. The calves fed grain during the winter were fatter when they went to grass May 1, were fatter off grass August 1, and fatter at the end of the test.

Had the calves fed grain sold for the same price as those that had been fed no grain during the winter there would have been little difference in the profits of the two lots. Last year both lots sold for the same price per hundred, resulting in a small margin in favor of the calves fed some grain during the winter.

These results might indicate the desirability of feeding some grain during the winter to insure a greater profit on a discriminating market which usually predominates. It must be remembered that this is a three phase proposition and that ultimate profits depend upon all three phases combined rather than the gains or profits of any one particular phase. Good quality calves are absolutely essential to success in following this method.

IS ALFALFA ESSENTIAL?

Because of increasing difficulty of obtaining alfalfa hay the Kansas station recently conducted an experiment to compare the fattening of cattle on a corn, silage, and cottonseed meal ration, with and without alfalfa or other leguminous hay. Results were given by Prof. B. M. Anderson. His observations were that satisfactory fat yearlings can be produced on a ration of shelled corn, corn silage, and cottonseed meal, without legume hay, if ground limestone is added to provide calcium otherwise obtained in the hay. Whether feeders should or should not feed dry roughage in the form of alfalfa or other legume hay is largely a matter of whether the hay is available, the test indicates.

Professor Anderson also reported on tests made to determine the relative value of protein supplements. In seven lots of calves used the several supplemental feeds ranked as follows on the basis of net returns per animal:

Linseed oil meal and corn gluten meal, half and half, \$25.44.
Linseed oil meal and cottonseed meal, half and half, \$23.83.
Linseed oil meal, \$23.64.
Linseed oil meal, cottonseed meal, and corn gluten meal, one-third each, \$21.92.
Corn gluten meal, \$18.39.
Cottonseed meal, \$17.97.
Cottonseed meal and corn gluten meal, half and half, \$17.51.

M. A. Alexander reported on experimental work concerning methods of wintering mature cows and J. J. Moxley discussed creep feeding.

GRADUATES OF 1929 LARGEST AGGIE CLASS

(Concluded from page 3)

tural college, 1928, Clay Center; Gladys Matilda Boehm, A. B., Drury college, 1925, Springfield, Mo.; Almond Derrill Bull, B. S., Oklahoma Agricultural and Mechanical college, 1925, Crawford, Okla.; Lila Marguerite Canavan, A. B., University of Kansas, 1919, Lawrence; Ida Alfreda Carlson, B. S., Kansas State Agricultural college, 1913, M. S., ibid., 1927, Manhattan; Percy Walter Cockrell, B. S., Kansas State Agricultural college, 1915, Manhattan; Leonard Paul Elliott, B. S., Kansas State Agricultural college, 1923, Manhattan; Vernon Daniel Foltz, B. S., Kansas State Agricultural college, 1927, Belle Plaine; Edward Raymond Frank, B. S., Kansas State Agricultural college, 1918, D. V. M., ibid., 1924, Manhattan; Henry Nelson Gilbert, A. B., Friends university, 1925, Wichita; Isabelle Gillum, B. S., University of Texas, 1927, Elgin, Tex.; Randolph Forney Gingrich, B. S., University of Nebraska, 1923, Manhattan; David Goodsell Hall, B. S., Ohio State university, 1926, Tippicanoe City, Ohio; Charles Wilber Howard, B. S., Kansas State Agricultural college, 1922, Holcomb; Ralph Alexander Irwin, B. S., Kansas State Agricultural college, 1928, Manhattan; John Wesley Jarrott, B. S., Kansas State Teachers college, Emporia, 1924, Hutchinson; Carroll Mendenhall Leonard, B. S., Kansas State Agricultural college, 1924, M. E., ibid., 1928, Manhattan; Lucille McCall, A. B., Southwestern college, 1926, Winfield; Arthur Elmas Mortensen, B. S., South Dakota State college of Agriculture and Mechanic Arts, 1926, Bruce, So. Dak.; Ali Nouman, graduate, Hakkali Agricultural college, Turkey, 1914, Angora, Turkey; Edward Schneberger, B. S., Kansas State Agricultural college, 1928, Cuba; Emmett Allen Smith, B. S., Kansas State Teachers college, Hays, 1925, Manhattan; Francis Lorin Smith, B. S., A. University of Arizona, 1927, Snowflake, Ariz.; Mildred Bertha Thurov, B. S., Kansas State Agricultural college, 1927, Macksville; Howard Dale Tyner, B. S., Illinois Wesleyan university, 1925, Manhattan; George B. Wagner, B. S., Kansas State Agricultural college, 1928, Manhattan; Herkle Lester Wampler, A. B., McPherson college, 1925, McPherson; Rachel Wright Working, B. S., Kansas State Agricultural college, 1928, Manhattan.

Professional degrees in engineering—Rudolph Henry Driftmier, B. S., Iowa State College of Agriculture and Mechanic Arts, 1920, M. S., Kansas State Agricultural college, 1926, Manhattan, in agricultural engineering; Ira David Sankey Kelly, B. S., Kansas State Agricultural college, 1924, Thebes, Ill., in civil engineering; Francis Joseph Nettleton, B. S., Kansas State Agricultural college, 1925, Winfield, in civil engineering; Claude Leonard Wilson, B. S., Kansas State Agricultural college, 1925, Prairie View, Tex., in mechanical engineering.

Farmers' short course certificate—Lorin Y. Bradshaw, Langdon; H. Bertram Garard, Olivet; Charles Thornton Grimm, Caldwell; Floyd D. Guyer, Bloomington; Irvin R. Guyer, Bloomington; Harold Nelson Kilbourn, Sterling; Joseph Wendell McFarland, Sterling; Dwight B. Robb, Dodge City; Dale W. Schweitzer, Lewis C. Schweitzer, Osborne.

Dairy manufacturing short course—Walter Teddy Becker, Manhattan; Noble Christenson, Tonganoxie; Glen Irvin Dunham, Eureka; Harold Knight Freeman, Manhattan; Charles Raymond Gillilan, Manhattan; Albert Eugene LaCroix, Hiawatha; Otto Reynolds Shultz, Lawrence; James Milton Soper, Herington; Dorwin Clair Wright, Manhattan.

Infantry: Forrest Bennett Alspach, Wiley; Joseph Monroe Barger, Manhattan; James Lyle Blackledge, Manhattan; Charles Frank Chrisman, Hutchinson; Arlie William Higgins, Manhattan; Stanley John Holmberg, Stillwater, Minn.; Charles Harold Hughes, Manhattan; Samuel Greenberry Kelly, Manhattan; Silas Milburn Miller, McPherson; Merle Mundell, Nickerson; Leonard Milton Pike, Goddard; Arthur Vernon Roberts, Vernon; Robert Philip Smith, Junction City; and Temple Fay Winburn, De Kalb, Mo.

Coast artillery: Thomas Richard Brennen, Bortles Springs; Charles Edward Connerse, Manhattan; George Emerson Downie, Hutchinson; Arthur Elmer Dring, Pawnee Rock; Gabriel Ernest Drollinger, Manhattan; Arthur Oran Flinner, Manhattan; Cecil Edgar Hammett, Manhattan; Eugene Francis Harmonson, Great Bend; Garcel Kelly, Hays, Manhattan; Arthur Henry Hemker, Great Bend; Thomas Burl Hoffman, Silver Lake; Wayne Kimes, Dodge City; Glenn Koger, Herington; Donald Cutler Lee, Harper; Robert Earl McCormick, Oatville; Jay Clayton Marshall, Manhattan; Charles Hubert Mehaffey, Farmington; Robert William Myers, Manhattan; Charles Belgrove Olds, Delphos; Charles Edward Reeder, Troy; James William Schwanke, Alma; William Jay Sweet, Wichita; Gerald Dean Van Pelt, Manhattan; Rex Edward Wheeler, Manhattan; and Harold Germain Wood, Topeka.

Veterinary: Daniel De Camp, Manhattan; Hugh Edward McClung, Manhattan; Ralph William Mohr, Manhattan; Needham Branch Moore, Manhattan; Lawrence Orville Mott, Spencer, Neb.; Charles Robert Omer, Mankato.

BEELER WRITES BOOK ON SELLING PUREBREDS

Uses His K. S. A. C. Master's Degree Thesis as Basis of New Publication

A K. S. A. C. graduate, N. M. Beeler, M. S. '24, is the author of a new book, "Marketing Purebred Livestock," soon to be published by the Macmillan company. The basis of the volume is Beeler's master's degree thesis which he published upon the urge of his friends. Beeler received his bachelor of science degree from Missouri and is now associate editor of Capper's Farmer.

Material in the new book was collected over a period of nearly 20 years, according to the author, while

he was a college student and editor of several agricultural papers of the midwest. An intensive study of purebred marketing methods was made from 1918 to 1926, especially in 1922, 1923, and 1924. His studies and experience in writing for farm papers has given Mr. Beeler information upon the subject which applies to a large portion of the United States.

DOUBLE WIN FROM K. U. ENDS DIAMOND SEASON

Commencement Crowd Sees Aggies Take First Game 6 to 5—Second a Humorous 17 to 7 Affair

The Kansas Aggie baseball team finished its season with two victories over Kansas university Tuesday and Wednesday, 6 to 5 and 17 to 7.

Three Aggie double plays and three home runs featured the first game. The doubles came in the first with two on and none out; in the fourth with one on, and the last ended the game with the bases full of K. U. runners and one out in the ninth.

Towler got the Aggie home run in the second, scoring Negro ahead of him.

At the start of the sixth the Aggies led by five runs, but Bishop hit a home run with two on and Schmidt's grounder took a hop for McCollum's head for a second K. U. home run. Next inning the Jayhawks tied the score, but the Aggies came back in the home half with the winning run, Negro scoring from second on McCollum's Texas leaguer.

The score by innings:

| | R | H | E |
|------------------|-----|-----|------------|
| Kansas U. | 000 | 004 | 100—5 12 3 |
| Kansas Aggies .. | 021 | 020 | 10x—6 7 3 |

Batteries—White and Maney; Barre and Meissinger.

The second game got farcical in the eighth, when Aggie batters got seven consecutive hits for six runs, off three K. U. pitchers. Negro's terrific center field homer scored two other runners and the teams rested while the fielder went after the ball. After Thomson and Schmidt have been knocked out of the box and the two teams and the crowd had a good laugh, Harper retired the Aggie batters. Fisher got a home run for K. U. in the sixth.

The score by innings:

| | R | H | E |
|------------------|-----|-----|-------------|
| Kansas U. | 120 | 002 | 002—7 14 2 |
| Kansas Aggies .. | 304 | 040 | 06x—17 15 0 |

Batteries—Fisher, Thomson, Harper, Schmidt, and Maney; Doyle and Meissinger. Umpire, Larry Quigley, St. Benedict's.

BASEBALL TEAM SURE OF TIE FOR SECOND PLACE

Nebraska and Missouri to Decide Title Next Week—Losers May Drop to Third Place

Though it is at present in third place in Big Six standings, the Kansas Aggie baseball team assured itself of at least a tie for second in the final reckoning by its two victories over K. U. this week. The only conference games left are two between Missouri and Nebraska for the championship at Lincoln next week.

Should Nebraska win both, the Huskers will be in first place with a .733 percentage, the Aggies in second with .615, and Missouri third with .533. If the teams divide, Nebraska will still win the title with a percentage of .667 by virtue of having played two more conference games than any other team, and the Aggies will be tied with Missouri for second with .615.

The other possibility, that of Missouri winning both games, would give the Tigers the championship with .692 and the Aggies undisputed second place with .615, with Nebraska third with .600.

BIG SIX STANDINGS

| | W. | L. | Pct. |
|---------------------|----|----|------|
| Nebraska | 9 | 4 | .692 |
| Missouri | 7 | 4 | .636 |
| Kansas Aggies | 8 | 5 | .615 |
| Oklahoma | 5 | 6 | .455 |
| Kansas U. | 4 | 9 | .308 |
| Iowa State | 2 | 7 | .223 |

Entertain Track Team

Prof. and Mrs. J. C. Cunningham, '05, gave a party for the Kansas Aggie coaches, track team and alumni who were attending the Big Six track meet at Ames, May 18, at their home in Ames. Mr. Cunningham is professor of horticulture at Iowa State.

ALUMNI AND SENIORS UNITED FOR BANQUET

CLASSES IN COLORFUL PROCESSION TO NICHOLS GYMNASIUM

Attendance at Annual Gathering Totals 630—Songs, Talks, and Cheering Features—Annual Mixer and Ball Follows Program

The alumni-senior banquet in Nichols gymnasium, Tuesday evening of alumni day, May 28, was enjoyed by 630 Aggies. Preceding the banquet the class of '29, alumni, and faculty members assembled in the auditorium around their respective reunion class banners. The class of '79 and guests of honor took their places at the speakers' table while the class of '89 led the reunion procession from the auditorium to the gymnasium, followed in order by the classes of '84, '89, '94, '99, '04, '09, '14, '24, and '29. Alumni present who were not in the reunion groups joined the reunion class nearest their own.

The procession of classes under their class banners was colorful and orderly. It is hoped that within a few years classes will provide themselves with permanent banners to be used for the five year class reunions and other alumni activities.

JUNIOR GIRLS SERVE

June Layton's orchestra furnished music while the delightful dinner was served by the college cafeteria management. Eighty junior K. S. A. C. waitresses in their purple and white caps and aprons harmonized with the beautifully decorated gymnasium.

J. S. McBride, '14, Topeka, led the group singing. Joe Anderson, '29, was cheer leader. Ralph Snyder, '90, president of the alumni association, was toastmaster. The reunion classes were introduced by the following class members: '24 by Fred Lampton, '19 by Miss Florence Dial, K. S. A. C.; '14 by Pat McBride; '09 by Dean Margaret Justin. Harry Johnston, Manhattan, introduced 18 members of the class of '99, some of whom had not been back to K. S. A. C. since graduation, and Dr. J. W. Evans introduced the members of the class of '94.

The feature alumni speakers were John J. Biddison, '04, Minneapolis, Minn.; Mrs. Hattie Peck Berry, Manhattan, '84; W. H. Olin, '89, Denver, and H. C. Rushmore, '79, Kansas City. These old grads expressed their loyalty to their alma mater and their appreciation for the influence on their lives of the four happy but not easy years at K. S. A. C. They marveled at the great growth of the college and its splendid future.

Arthur Hemker, president of the class of '29, asserted that the new alumni would live up to their task of making good in their vocation and that the class of '29 would do their part in promoting the advancement of K. S. A. C. through the alumni association.

HARGER COMMENDS COLLEGE

K. S. A. C. was commended for its fine influence, the good will and cooperation of the faculty, and the capable and efficient management of President F. D. Farrell, by Charles M. Harger, Abilene, a member of the state board of regents. "The college, whose campus extends to the boundaries of the state, is not indebted to the state but rather the state is indebted to the college for the contributions it has made to the commonwealth," Mr. Harger said.

Concluding the program President Farrell discussed in a few remarks college debts. Doctor Farrell attached some value to the fact a student is in debt upon leaving his alma mater. Few things are more effective in inculcating habits of thrift and self control than in paying debts incurred in college, he said. Doctor Farrell cited three obligations which he believes rest upon the shoulders of every college graduate—obligations to be useful, grateful, and happy. College graduates were placed in a class of less than one per cent to whom the other 99 per cent look for their principal leadership and who are expected to perform the most difficult tasks.

The alumni mixer and ball followed the banquet, giving the alumni who had come from distant sections of the United States an opportunity to renew acquaintance and reminiscence.

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KENNEY FORD.....Alumni Editor
J. D. WALTERS.....Editor Emeritus

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SLOGANS THAT WON'T PAY

"It doesn't pay to go to college." Whether this be true or false, it is proposed to educational leaders as a slogan for an advertising campaign. Taken literally, it undoubtedly would cause many prospective students finally to stay away from colleges. The happy result would be a student body composed of men and women to whom it would never occur to ask whether a college education pays, dollar for dollar—with extra material profits almost certainly assured. Having experimented successfully with the foregoing slogan the educators might, with the same general purpose in view, try such a one as the following:

"Colleges don't foster social prestige."

Taken seriously by the potential college-attending group, this would eliminate all those whose moving picture and college humor conception of campus life envisages college days as a perpetual-motion adolescent carnival.

Those who remained to attend college, though they were but few, would in the end probably prove that both slogans were false. But they would, happily, have passed their years at college without ever associating the ideals of higher education with the profit motive or with getting by.

A type of training offered in college indubitably does afford increased earning capacity. A type of association made possible by the organization of a college probably does foster social prestige.

It could almost be affirmed, though, that these by-products of colleges are a hindrance to the true progress of higher education so wantonly do they misrepresent the real purpose of going to college.

"Education is the art of making living itself an art," says Everett Dean Martin in "The Meaning of a Liberal Education." "It is the achievement of human excellence; it transcends both the useful and the ornamental. It is a way of life, just as truly as the religious life is a way of life."

The college that never lost sight of this ideal might never be very popular but it would go down to lasting fame.

BOOKS

"A Preface to Morals" by Walter Lippmann. The MacMillan Company. \$2.50.

In the first three sentences of the first chapter Mr. Lippmann states the purpose of his book:

Among those who no longer believe in the religion of their fathers, some are proudly defiant, and many are indifferent. But there are also a few, perhaps an increasing number, who feel that there is a vacancy in their lives. This inquiry deals with their problem.

Part I deals with background. What are the factors that have caused modern men no longer to believe in the religion of their fathers? What has been done to reclaim the souls of those whose belief has been undermined by the acids of modernity? Why and how have these attempts failed?

Part II attacks the problem as the author sees it. Here is stated the thesis of humanism, which Mr. Lippmann believes is the solution of problems of the disillusioned.

Part III applies the thesis to modern man in his personal relations, in

business, in government, and in love.

Mr. Lippmann holds that popular religion in any form is essentially unsatisfactory to modern man. And fundamentalism is out of the question because it rests upon a concept of authority from which modern man has freed himself. But modernism in religion broke the link between the ordinary man and his God when it declared one man's interpretation of the Bible might be as acceptable as another man's. And when man realizes that he has created God in man's own image, he can no longer believe. Modernism leaves out divine certainty. And religion without certainty cannot sanction a code of morals.

A religion of the spirit, however, fills the need of modern man and, in the opinion of the author, this today, as probably never before, is within reach of the ordinary man. It is this religion that all great spiritual leaders have had, the religion of Buddha, of Socrates, of Jesus. It is stated in the philosophy of humanism. It is morality as a discipline for happiness wherein virtue is the quality of mature desire. The great leaders had it but none attempted to give it to the masses.

The principle of humanism—the religion of the spirit—is detachment, understanding, and disinterestedness in the presence of reality itself. The author believes this principle is possible of application in industry arriving at ideals evolving its own control. Ideals he defines as "an imaginative understanding of that which is desirable in that which is possible." In government he believes the spirit of live and let live in the great society provides a situation in which humanism can be applied. The new freedom in sex relations has resulted in experimentation which in Mr. Lippmann's opinion has led to a conviction that love regarded as a passing pleasure fails to bring happiness. Compatibility, he points out, is a process and not an accident, and depends upon maturity, that is, understanding and disinterestedness and detachment. The modern moralist, he explains in a kind of epilogue, seeks to find what experience leads to happiness, which is but the application of humanism.

Mr. Lippmann's thesis, recommending a high religion, a religion of the spirit, for the ordinary man who is the modern man, posits a degree of confidence in human nature that makes him seem unusually sanguine. He proffers modern man that ineffable quality which the great spiritual leaders found impossible to transmit to the masses.

Mr. Lippmann is a democrat with catholic views toward humanity but he is not an optimist by habit. He thinks that something has happened in the world that makes it possible for man today to gain a mature character, "to pass gracefully from youth to old age, and, at last, to learn to die." Surely modern man can, at the very least, embrace the beginning of humanism—that virtue, rightly understood, is possible of its own reward.

Diogenes summed up the whole matter when he said: "One ought to seek out virtue for its own sake, without being influenced by fear or hope, or by any external influence. Moreover, that in that does happiness consist."

—C. E. Rogers.

WILL THE FOUNTAIN DRY UP?

Civilizations rest fundamentally upon ideas. These ideas to be effective must be those of the dominant classes in the civilization. In making the business men the dominant and sole class in America, that country is making the experiment of resting her civilization on the ideas of business men. The other classes, dominated by the business one, are rapidly conforming in their philosophy of life to it.

The business man, in so far as he is more than a business type, in so far as he is a fully rounded personality (as, I repeat, many of them now are), owes that development of himself outside his work to the work of other classes in the past or present. If those classes become merged in his own, whither can even he himself look for his extra-occupational development?

If the leaders are not humanely rounded personalities, civilized rather

than barbarian, what shall be expected of the mass which patterns itself upon them? In a word, can a great civilization be built up or maintained upon the philosophy of the counting-house and the sole basic idea of a profit? —James Trustow Adams in Harper's Magazine.

He said that in his whole life he most repented of three things: one was that he had trusted a secret to a woman; another, that he went by water when he might have gone by land; the third, that he had remained one whole day without doing any business of moment. —Plutarch.

have charge of the home economics department at Lincoln college.

THIRTY YEARS AGO

College enrolment was 1,094. Schuyler Nichols, '98, and Roscoe Nichols, '99, were studying medicine at St. Louis.

John Davis, '90, was professor of English at the Oklahoma normal school at Elva.

On account of the serious illness of his mother, R. S. Kellogg, '95, had a leave of absence from his classes.

C. L. Marlatt, '84, was assistant of the division of entomology in the

College Debts

F. D. Farrell

There are several kinds of college debts. Some of them are financial obligations assumed when the butcher, the baker, or the laundryman had to be paid. If assumed for worthy purposes, financial obligations are an effective stimulus to effort and often the basis of thrifty habits following graduation. A large proportion of college students incur this kind of indebtedness and doubtless most of those who do are benefited.

A second group of college debts take the form of moral obligations. These cannot be measured in dollars and cents. But the debts are none the less real. They include obligations to the public, to one's college, and to oneself.

Colleges everywhere are supported morally and financially by many people besides those who enrol as students. Sometimes the financial support is supplied through taxation, sometimes through what we somewhat erroneously call "private" benefactions, and sometimes through both. In any case the public, represented either by government or by philanthropic individuals whose wealth the public has made possible, is a major contributor to the support of the college. Its contribution implies an obligation on the part of the college graduate to be a worthy and useful citizen, to contribute to the public something substantial in return for its benefactions.

Most college graduates feel a sense of gratitude toward the college itself and the feeling grows as the graduate ages. The high class graduate is conscious of a definite obligation to contribute something toward the perpetuation and improvement of the institution through which he has been benefited. He is jealous of the standards and reputation of his college. He joins and supports the alumni association because that is the organization through which he can best make his interest in the college effective. He interests superior graduates of high schools in the educational opportunities that his college offers so as to assist in recruiting students whose performance, in college and subsequently, will reflect credit upon the institution and benefit the public. He supports programs that supply loan funds to needy and worthy students. Not infrequently he presents gifts ranging from a book to a building. Always he is ready and eager to work, and if necessary to fight, to see that high standards are maintained at the college and that the institution's basic character is unimpaired.

A graduate's obligation to himself is interwoven with his obligation to the college and to the public. It requires him to conduct himself as becomes a college graduate, to apply the dictum of *noblesse oblige*.

Whether one's college debts are financial or moral they all have one thing in common: they are all debts of honor; they cannot honorably be ignored or allowed to go unpaid.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

College enrolment was 3,352. Edith Robinson, '18, was deputy county treasurer of Rawlins county. M. L. Cozine, '12, was teaching vocational agriculture in the Madisonville, Tenn., high school.

V. E. Bundy, '20, who served with a Canadian cavalry brigade in the war, was on hospital leave in England, and expected to return home soon.

TWENTY YEARS AGO

College enrolment was 2,305. Carl P. Thompson, '04, and Ellen E. Sodergren were married September 1.

Franklin Adams, '09, left for Pittsburgh, Pa., to work for the Union Switch company.

F. E. Balmer, '05, was teaching agriculture in a consolidated rural school at Lewiston, Minn.

May Umberger, '07, visited college friends for a few days before going to Lincoln, Ill., where she was to

department of agriculture at Washington, D. C.

FORTY YEARS AGO

College enrolment was 514. Professor Popenoe and family spent several days at the state fair.

Professor Walters visited friends at Hanover, where he formerly lived.

H. Lyman proposed running a covered carriage to and from the college on rainy days to accommodate passengers.

Mrs. Winchip was assisted by Abbie Marlatt, '88, in conducting the sewing classes which were composed of 102 girls.

FIFTY YEARS AGO

College enrolment was 276.

P. W. Zeigler was planning to build a two story stone building on the Marlatt lot.

Noah Harvey, Charles and Chester Packenham, William Lawrence, George Boles, and O. A. McMullen enrolled at K. S. A. C.

George T. Fairchild, formerly of the Michigan Agricultural college at Lansing, was elected president of the Kansas State Agricultural college.

I KEEP WONDERING

Hilda Conkling

I saw a mountain,
And he was like Wotan looking at himself in the water.
I saw a cockatoo,
And he was like sunset clouds.
Even little leaves and little stones
Are different to my eyes sometimes.
I keep wondering through and through
my heart
Where all the beautiful things in the world
Come from.
And while I wonder
They go on being beautiful.

SUNFLOWERS

H. W. D.

ENDURANCE

If one did not occasionally think twice in the same spot, one might get to imagining that endurance is entirely a matter of staying up in the air.

But there are other kinds of stamina, thank our lucky stars, and they should be given more prominence than has recently been accorded them.

Take my own record, for instance. It is not a matter of physical endurance alone. There is something of the mental in it, even something of the spiritual, maybe. It has already run for a long time, and even now there is no hope of an end.

During the past 1123 days I have heard 497 women speak more than seven million words of chatter English on and around the subject of reducing. But I am still in my right mind, such as it is.

Chesty individuals who have merely spanned the Atlantic in an airplane, rolled around the world in a Zeppelin, stayed above St. Louis a paltry 420 hours, or sat on the courthouse flagpole at Kokomo for a week or ten days have only begun to learn the meaning of endurance.

Yet they have been made heroes and heroines of, advanced to directorships and vice-presidencies, given nice fat vaudeville contracts, thrilled by the vociferous plaudits of millions. And I, who have endured much more than they, am as yet known only to a few and am applauded by none.

I should like to go into my record in detail and discuss it at length, but space forbids. I could cite hundreds of instances of superhuman restraint, thousands of hours of agony and millions of opportunities to blow up and relieve myself of the boredom consuming me. But I shall not. I prefer the inglorious life and the modest tombstone. If future generations wish to extol my name, christen five-cent cigars after me, and falsely advertise that I took the blind-fold test and preferred hand-rolled cigarettes, I shall do nothing to prevent them.

My reward lies in my satisfaction with never having killed a woman for reviving the subject of reducing after it had had everybody seasick for hours. I know that my endurance is more than physical. It reaches to the roots of my emotional self and to the top of my cranium.

Personally I am convinced that women are meant to be skinny or fat as fate and heredity dictate. But if they can circumvent fate and heredity in eighteen days or eighteen years, I shall not protest. I care not whether they use yeast or lemon juice, electric vibrators or nuxated iron. My only request is that they ease up on the chatter and soften the agony of my declining years.

But I utter no threats. I am safely past the danger of open and unseemly revolt. I shall not choke any woman who reminds me that she has only seven days more to go on her diet when I innocently ask her what day of the month it is. I shall not shoot any gal who advises me to eat a cake of yeast every day in every way for the purpose of overstuffing my gaunt and scraggly frame.

If I do not endure until they quit talking about reducing, I shall at least endure until I die. My silence has only begun.

What is the first business of one who studies philosophy? To part with self-conceit. For it is impossible for anyone to begin to learn what he thinks that he already knows.
—Epictetus.